

ANNUAL REPORT

MADE TO THE

URBAN SANITARY AUTHORITY

OF THE

CITY OF LEEDS,

FOR THE YEAR

1913,

AND PARTLY FOR 1914.

BY

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The material asked for in the new Local Government tables will be found, as follows :—

- I.—In table D, part 2.
- II.—Age groups in new table 18, pp. 54,55 ; localities in table B.
- III.—New table 17, p. 52.
- IV.—Infantile mortality, 5a p. 20, 5b p. 21, 5c p. 22.



# ANNUAL REPORT, 1913.

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*To the Chairman of the Sanitary Committee of the  
Leeds City Council.*

SIR,

At your first Meeting in January you were presented with a preliminary report in the form of a table showing the births, deaths, deaths under one, the estimated birth-rates and death-rates, and those for an average of ten years. This table also contained the individual deaths and death-rates for a large number of groups of diseases and the number of cases notified during the 53 weeks of 1913 from the notifiable zymotic diseases, from consumption, and, since February 1st, from other tuberculous diseases.

This table was presented a little earlier (viz., on January 8th) than you have ever had it before. It is repeated in this report with one or two trifling corrections. It is still, however, to be looked upon as a preliminary one which, although generally correct, may be slightly modified when the fuller figures for the year come to be considered.

*Population.*—The population of Leeds for 1913 as estimated by the Registrar-General was 457,295. The method by which this figure is obtained is given in the seventy-third Annual Report of the Registrar-General of births, deaths and marriages for England and Wales.\* Towards the close of the year his staff reconsidered the method on which the computation had been made, and invited information from the Medical Officers of certain towns as to whether they considered the original estimate justified. In your Medical Officer's reply it was pointed out that the number of uninhabited houses since the census, given in the Overseers' books had diminished from 7,144 in June, 1911, to 4,570 in June, 1913. The number of unoccupied houses were thus 2,574 fewer in June, 1913, than they were in June, 1911.† This is an understatement, for the number

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\* On page xii. He refers to the description given in the Annual Report for 1907 on pages cxxxii-cxxxiv, and in that for 1910, pages xi and xii. In 1911 (seventy-fourth Report), page xii., he gives further information.

† See City Engineer's report to Development Committee.

# LEEDS, 1913.

## PRELIMINARY REPORT.

In the 53 weeks ended 3rd January, 1914, the following births and deaths were registered, and cases of infectious diseases reported.

Population estimated by the Registrar General	..	457,295
Acreage	.. .. .	26,242
Births registered	.. 10,947	Birth-rate per thousand 23·6
Average birth-rate, ten years, 1903-1912†	.. ..	26·5
Deaths (all ages)	.. 7,289	Death-rate per thousand 15·7
	(R.G. 7,162 = 15·4).*	
Average death rate, ten years, 1903-1912†	.. ..	16·4
Deaths (under 1 year)	1,487	Ratio to 1,000 births 136

	Total deaths. (53 weeks).	Death-rate per thousand.		Cases notified. 1913.
		1913.	1903-1912.	
			†	
1. Small-pox .. .. .	..	..	0·01	..
2. Measles .. .. .	109	0·23	0·37	14
3. Scarlatina .. .. .	16	0·03	0·10	1,311
4. { Diphtheria .. .. .	86	0·19	0·16	870
{ Memb. croup .. .. .	1	0·00	0·01	10
{ Other croups .. .. .	2	0·00	0·01	..
5. Whooping cough .. .. .	94	0·20	0·30	..
6. { Typhus .. .. .	..	..	0·00	..
{ Typhoid .. .. .	18	0·04	0·10	85
{ Ctd. fever .. .. .	1	0·00	0·00	..
{ Puer. septicæmia .. .. .	14	0·03	0·03	41
{ Erysipelas .. .. .	13	0·03	0·03	385
7. Diarrhœa (all ages) .. .. .	264	0·57	0·68	..
{ Enteritis, gastro ent. (do.)	128	0·28	0·21	..
{ Diarrhœa and Enteritis				
under 2 years .. .. .	366	0·79	0·79	..
Cholera (English) .. .. .	3	0·01	0·00	..
Phthisis .. .. .	557	1·20	1·30	1,479
Other tuberculous diseases	250	0·54	0·65	350
Seven commoner zymotics				
{ (including mem. croup				
and diarrhœa at all				
ages) .. .. .	589	1·27	1·71	..
Bronchitis } .. .. .	1,230	2·65	2·76	..
Pneumonia }				
Pleurisy .. .. .	23	0·05	0·04	..
Other lung diseases }	83	0·18	0·18	..
{ (without influenza) }				
Malignant growths .. .. .	560	1·21	1·00	..
Violence and accident .. .. .	277	0·60	0·63	..

\* The R.G. excludes deaths of non-municipal paupers. He also adds those of Leeds persons dying in Public Institutions outside. The rates 15·7 and 16·4 are calculated on the larger numbers.

† Calculated on average population, non-residents not excluded.

|| Means not notifiable.

of unoccupied houses in Shadwell, Roundhay, Seacroft and Cross Gates is not included. Multiplying this number (2,574) by 4.346 (the average number of occupants obtained by dividing the population of Leeds within the old boundaries at the census, 445,550, by the number of tenancies, 102,514) we get 11,186 as the probable occupants of the number of houses which were unoccupied in June, 1911, and were occupied in June, 1913, giving a population for the City increased to 456,736 in April, 1913, without the added area. If we allow for the three months, April to June, one-eighth part of the whole increase and simply add the census population of the added areas without increasing it at all, we get a population for the middle of 1913 of 465,532, but some of these areas had been increasing at a higher rate than the City itself, and the population of 7,398 at the census, increased at arithmetical progression at the rate in the previous ten years would add another 351 to this amount, making a population of 465,883 to the middle of 1913, somewhat in excess of that estimated by the Registrar-General.

*Birth and Death-Rates.*—The death-rate on the Registrar-General's population for the fifty-three weeks ended 3rd January, 1914,\* taking into account all deaths which have occurred within the Borough of Leeds and adding to them those of Leeds persons that occurred in any hospital immediately adjoining, is one of 15.7. The birth-rate during the same period would be 23.6. Leaving out the deaths of persons not belonging to Leeds and who can distinctly be assigned to other districts, and adding those from other districts that can be assigned to Leeds, the rate on the figures is one of 15.4. It is, however, our practice in Leeds in regard to the preliminary part of the Report and especially in regard to that portion in which we compare our present with our past mortality to take the gross death-rate of Leeds, including all the deaths in these institutions without making corrections, and it is in this way the figures in table 1, dealing with groups of years as far back as 1885, have been compiled.

If we take the population, not as originally estimated by the Registrar-General, but on the figures estimated by ourselves as already given, the birth-rate becomes 23.1 and the death-rate

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\* Throughout the Report, although the full year's deaths are those recorded during the fifty-three weeks, all calculations of rates are made on a year of 52.17747 weeks.



15·4. The difference is so slight that we prefer to take the original estimate of the Registrar-General, not because it is necessarily more correct, but because it is one obtained by the method chiefly used by him in arriving at populations for other towns.

*Change in district.*—There is, however, one point in which Leeds now differs from Leeds in previous years. We added in November, 1912, an area with a population estimated to the middle of 1913 as 7,772. We did not include the population or the births or deaths in this district at all in the Annual Report for 1912, but during 1913, unless anything is said to the contrary, we have included the district both as to population and deaths. Excluding the 71 deaths in this new ward and also excluding the population of 7,772, the population of the borough at the time of the census, increased by the Registrar-General's method to 449,523, gives us a death-rate for the old area of 15·8, a decimal point in excess of what it is when the new area is included. In the same way the birth-rate within the old boundaries is 23·7 instead of 23·6 for the present extended City.

*Comparison with 1912.*—Either of these death-rates, 15·4 or 15·8, is therefore in excess of the death-rate of last year, which was 14·3.

In comparing rates allowance is made, as already said, for the longer year, but in comparing actual deaths it is to be remembered that the deaths in 1913 are those (i.) that occurred in a larger number of weeks, and (ii.) that these occurred in a larger area, containing the new ward.

If reference be made to table 1 it will be seen that the excess was partly from the seven zymotics and partly from acute lung diseases, though from consumption and from the small group of "other lung diseases" there was a slight diminution. The death-rate from the seven zymotic diseases including, as in previous years, diarrhoea at all ages, was in excess (0·30). Reference to the corresponding preliminary report for 1912 will show that diarrhoea at all ages caused 264 deaths in the 53 weeks of 1913 as against 74 in the 52 of 1912. If to these we add the deaths from enteritis at all ages, we find that these numbers are increased to 392 in 1913 and 139 in 1912. The deaths from diarrhoea and enteritis under two years old caused last year 366 deaths against 128 in 1912. The remaining excess is due as will be seen by comparing table A in both years to a slight increase of tuberculous disease other than



Phthisis, to deaths from Bright's disease, from congenital debility (entirely amongst young children), and to the indefinite group of diseases given in the last column but three in table A, part 1.

*Comparison of four years 1910-1913, with previous periods.*—When the average death-rate of the four years of which 1913 was the last is compared with the previous groups of five years given in table 1, it will be found that the average death-rate of 15.5 from all causes for these four years is lower than the corresponding rate of any in the five preceding quinquennia.

When we take for the same four years the death-rate from the seven zymotic diseases (including diarrhoea at all ages), the average of the four was 1.47—also less than the rates in any of the five preceding quinquennia, the lowest of which had been 1.59. Phthisis itself for the four years had a rate of 1.22, also lower than for any of the previous quinquennial periods, the lowest previously having been 1.32.

The group of Bronchitis, Pneumonia and Pleurisy had a rate in the four years of 2.60 ; the lowest rate of any of the five preceding lustra had been 2.88 in the last of them.

The small group of other lung diseases had a rate of 0.18 for the four years. This was 0.01 higher than that of the lustrum 1905-9 but lower than in any of the preceding lustra.

*Comparison with 1885-9.*—When compared with the period of 1885-9, the total death-rate for last year (all causes) was 5.47 lower, and that for the four years of which it was the last 5.66 lower. In regard to the seven zymotics the rate was in 1913, 1.51 below that in the lustrum 1885-9 and that of the four years of which it was the last was also below the rate of those five years to the extent of 1.31.

Consumption had a death-rate of 0.5 in 1913 below the earliest of these lustra and that of the four years (1910-13) was 0.48 below that of the same earlier period.

Bronchitis, Pneumonia and Pleurisy had a rate in 1913 1.23 below the earliest of these periods and that of the four years one 1.33 below. The rate of 0.18 from the small group of “other lung

diseases " was 0.09 below that of the 1885-9 lustrum, and the four years of which it was the last was below the rate of that period to the same amount.

*Comparison with the nine large towns.*—Since 1891, we have been in the habit of comparing the death-rate in Leeds with that of the nine largest towns in the United Kingdom. These towns were selected after the census in 1891 as those in which the population was more than a quarter of a million. They were at that time the only towns of that population. Since that time one or two other towns have increased their population beyond that of 250,000, but it has been considered more convenient to keep to the same large towns throughout. They are still the nine largest towns.

In table 2 will be found for the year of fifty-three weeks and for each of its quarters of thirteen and fourteen weeks respectively, the annual death-rate calculated upon the figures given in the quarterly reports of the Registrar-General of England and Wales. Leeds stands fourth in the annual rate for these towns. London, Edinburgh and Birmingham have rates of 14.2, 14.5 and 14.7 respectively. Our own rate is a little disappointing, 15.4. Manchester and Sheffield have rates of 15.6 and 15.7. Then come Glasgow, Liverpool and Dublin, 17.3, 18.0 and 20.3. In the several quarters it will be noticed that the position of the towns varies.

In the first quarter of 1913, Leeds took the fifth place, Birmingham, Edinburgh, London and Manchester having lower rates, but the rates in Sheffield, Glasgow, Liverpool and Dublin were higher, although that of Sheffield was not considerably so.

In the second quarter, London had the lowest and Birmingham the next lowest rate. Then came Edinburgh, Sheffield and Manchester, Leeds occupying the sixth place. The only towns of the nine with higher rates were Liverpool, Glasgow and Dublin in the order mentioned.

In the third or diarrhoea quarter London had a very low rate, 11.8, followed by Edinburgh, Birmingham, Sheffield and Leeds. Leeds was, however, only a decimal point in advance of Manchester.

In the fourth quarter of the year Edinburgh and Leeds took respectively, the first and second place, 13.8 and 13.9, followed by London, 14.1, Birmingham, 14.8, Manchester, 15.3, and Sheffield, 16.0.

**TABLE 1.**  
Annual deaths per 1,000 of the estimated population.

	All causes.	Seven zymotics.†	Consumption.	Bronchitis, pneumonia, pleurisy.	Other lung diseases, without influenza.
Five years, 1885-89 ... (261 weeks)	21·16	2·78	1·70	3·93	0·27
*Five years, 1890-94 ... (261 weeks)	21·16	2·52	1·61	4·43	0·31
*Five years, 1895-99 ... (261 weeks)	19·77	2·74	1·47	3·54	0·22
‡Five years, 1900-04 ... (261 weeks)	18·62	2·51	1·38	3·22	0·19
‡Five years, 1905-09 ... (261 weeks)	16·43	1·59	1·32	2·88	0·17
‡Year 1910 (52 weeks)	15·33	1·44	1·15	2·64	0·16
‡Year 1911 (52 weeks)	16·64	2·18	1·26	2·65	0·16
Year 1912 (52 weeks)	14·35	0·97	1·28	2·40	0·23
Year 1913 (53 weeks)	15·69	1·27	1·20	2·70	0·18
1913 increase on 1912	1·34	0·30	...	0·30	...
„ decrease „ 1912	...	...	0·08	...	0·05
1913 increase on '85-9	...	...	...	...	...
„ decrease on '85-9	5·47	1·51	0·50	1·23	0·09

\* Estimated upon the population calculated from the data of the three censuses of 1881, 1891 and 1901.

† Exclusive of membranous croup which the Registrar General did not include in the seven zymotics until 1894. Exclusive also of Enteritis.

‡ Estimated on population by A.P. from censuses 1901, 1911.

The rates in this table throughout are calculated on the deaths registered as occurring in the city and its hospitals without any deduction for the deaths within the city of persons not belonging to Leeds. Extended boundary included for year 1913, but not previously.



When the four years 1910-13 are taken into account as shown in table 2a, it will be seen that our position is a little more favourable, Leeds tying with Sheffield for the third place. One receives these figures, however, with some hesitation as in all these towns in 1910 the populations had been calculated on the old estimates made before the census of 1911. In all tables dealing with Leeds alone, the rates for Leeds are given on the population re-estimated since the census 1911, but we have not the estimates for the other towns for 1910 and consequently leave Leeds as it was.

*The ninety-six Municipal and County Boroughs.*—The ninety-six towns with a population at the last census of more than 50,000 comprise, of course, a great number of very different towns. They contain manufacturing towns like Leeds and Manchester and health resorts like Brighton and Southport. The death-rate in 1913 was 14·3 in these ninety-six districts, and the birth-rate 25·1, against the Leeds death-rate of 15·7 and birth-rate of 23·6. The corresponding numbers have been given you month by month in the reports submitted to the Sanitary Committee and I merely mention the matter here without emphasising it.

#### AGE MORTALITY.

In table 3 will be found for each quarter of the year and for the whole year the number of births registered in the period and the number of deaths at all ages and certain groups of ages—under one year, from one to five, five to fifteen, fifteen to twenty-five, twenty-five to forty-five, forty-five to sixty-five and sixty-five upwards.

Populations estimated at these several ages are given for the whole City including the new ward.

The population at all ages has been obtained by the method spoken of as adopted by the Registrar-General. Roughly speaking, it consists of the population at the last Census increased by the addition (or subtraction) of a number obtained by multiplying the difference of population at the two previous censuses by a factor provided by the Registrar General for each year.

For a few years back we have not been able to estimate the population at these age groups. The method we had adopted in



**TABLE 2.**

Shewing the death-rates in the nine largest towns of the United Kingdom for the fifty-three weeks, and each of the thirteen week periods for the three earlier quarters, and a fourteen week period for the fourth quarter of 1913.

	First quarter of 1913.	Second quarter of 1913.	Third quarter of 1913.	Fourth quarter of 1913.	Year 53 Weeks.
London .. ..	17·5	13·3	11·8	14·1	14·2
Edinburgh ..	17·0	14·2	13·0	13·8	14·5
Birmingham ..	16·6	13·3	14·1	14·8	14·7
<i>Leeds</i> .. ..	17·9	15·4	14·5	13·9	15·4
Manchester ..	17·7	14·7	14·6	15·3	15·6
Sheffield .. ..	18·2	14·4	14·4	16·0	15·7
Glasgow .. ..	20·2	17·1	15·5	16·6	17·3
Liverpool .. ..	20·5	16·6	16·7	18·0	18·0
Dublin .. ..	22·3	20·4	18·7	19·9	20·3

From the quarterly reports of the Registrar-General for England and Wales.

TABLE 2a.

Comparative mortality of nine largest towns in United Kingdom in periods of time.

1890-1893. Four years.	1894-1897. Four years.	1898-1901. Four years.	1902-1905. Four years.	1906-1909. Four years.	1910-1913. Four years.*
Edinburgh 20·2	London .. 18·6	London .. 18·7	London .. 16·0	London .. 14·4	London .. 13·9
London .. 20·9	Edinburgh 19·1	<i>Leeds</i> .. 19·4	<i>Leeds</i> .. 16·9	<i>Leeds</i> .. 15·1	Birmingham 14·7
Birmingham 21·3	<i>Leeds</i> .. 19·3	Edinburgh 19·5	Edinburgh 16·9	Edinburgh 15·6	Sheffield .. 14·9
<i>Leeds</i> .. 21·9	Sheffield .. 19·7	Birmingham 20·7	Sheffield .. 17·4	Birmingham 16·1	<i>Leeds</i> .. 14·9
Sheffield .. 23·0	Birmingham 20·3	Sheffield .. 21·4	Birmingham 18·1	Sheffield .. 16·1	Edinburgh 15·0
Glasgow .. 24·2	Glasgow .. 21·4	Glasgow .. 21·5	Glasgow .. 19·1	Glasgow .. 17·8	Manchester 16·2
Dublin .. 26·1	Manchester 22·8	Manchester 23·2	Manchester 19·8	Manchester 18·4	Glasgow .. 16·9
Manchester 26·4	Liverpool .. 24·9	Liverpool .. 24·6	Liverpool .. 21·3	Liverpool .. 19·5	Liverpool .. 18·4
Liverpool .. 26·8	Dublin .. 26·6	Dublin .. 27·5	Dublin .. 23·0	Dublin .. 22·0	Dublin .. 20·6

\* The calculations for 1910 are made upon populations for that year before the census. The figures given for Leeds alone elsewhere have been corrected since the census of 1911, but we had not the material to correct the populations for other towns, so that in the four years 1910-1913, one year is on the old population uncorrected since the census, and the other three years are figures arrived at since the census was published. The method of enumerating the deaths in London was altered in 1903, certain deaths formerly assigned to London having since then been otherwise distributed, some of them to the five English towns given above.

previous decades was to accept the Registrar General's estimates of population for each year and to distribute it proportionately to the populations enumerated at those age groups at the previous Census.

This method, however, has not been adopted in the present report. Allusion has been made in the Annual Report for 1906 (pp. 11, 12, 13) and again in those for 1908 (p. 18), 1909 (p. 13 and note), 1910 (p. 21), to the fact that the population was probably not increasing at the same rate at the earlier and increasing at a

**TABLE 3.**

**Births and Deaths registered in the City of Leeds in the four periods ended respectively 29th March, 28th June, 27th September, 1913, and 3rd January, 1914. Deaths in age groups.**

1	2	MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.							
		3	4	5	6	7	8	9	10
1913. Estimated population at these ages .....	Regis- tered Births.	At all Ages.	Under 1 Year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and up- wards.
		457295	8845	35948	88685	82940	143376	77363	20138
I. Quarter	2,696	2,064	371	202	70	93	262	491	575
II. do.	2,677	1,788	323	215	82	80	215	435	438
III. do.	2,749	1,697	442	185	43	67	221	380	359
IV. do. (14 weeks)	2,825	1,740	351	173	77	67	253	409	410
53 weeks ..	10,947	7,289	1,487	775	272	307	951	1,715	1,782

There are included above 109 births and 71 deaths in the New Ward. The latter occurred 4 amongst children under one year of age, 1 between the age of 1 and 2, 4 between 2 and 5, 1 between 5 and 15, 1 between 15 and 25, 4 between 25 and 45, 20 between 45 and 60, 5 between 60 and 65, and 31 over 65.



higher rate at the later ages, and a method was adopted in a supplementary table (see note p. 13, Annual, 1909), by which the population was estimated according to the increase of the previous decade of persons at that particular age in the same way as the Registrar General estimated the whole population. Much uncertainty was, however, felt with this method, and accordingly for two years back (1911 and 1912) the age population and the rates of mortality at these groups of ages have not been inserted in tables 3 and 4.

We have now, however, a population at these ages at the time of the Census, and the figures in table 3 at these age groups have been obtained by taking the difference between the census popula-

**TABLE 4.**

Birth and death-rates in the City of Leeds in the four periods ended respectively 29th March, 28th June, 27th September, 1913, and 3rd January, 1914. Death-rates in age groups.\*

1	DEATHS PER ANNUM PER 1,000 LIVING.								
	2	3	4	5	6	7	8	9	10
1913.	Birth-rate.	At all Ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwds.
I. Quarter	23·7	18·1	168	22·6	3·2	4·5	7·3	25·5	114·6
II. Quarter	23·5	15·7	147	24·0	3·7	3·9	6·0	22·6	87·3
III. Quarter	24·1	14·9	201	20·7	1·9	3·2	6·2	19·7	71·6
IV. Quarter (14 weeks)	23·0	14·2	148	17·9	3·2	3·0	6·6	19·7	75·9
53 weeks ...	23·6	15·7	166	21·2	3·0	3·6	6·5	21·8	87·1

\* The rates are calculated from the populations which are given for the corresponding groups in table 3, and which have been obtained by multiplying the difference between the Census population in 1901 and 1911 by the Registrar-General's factor for 1913.



tion in 1901 and 1911 at each age and multiplying it by the same factor as is used by the Registrar General for the whole population and adding (algebraically) the product to the 1911 enumeration. There is one correction, however, that has to be mentioned. The census age population that we have received refers only to the City before the addition of the new Ward. We have added in each case a proportion of the estimated population for the new Ward dividing it proportionately to the results obtained within the Leeds boundaries.

Whilst the death-rate at all ages in table 4 was 15·7, the rate under one was 166—more than ten times as high. The population on which this rate was estimated was 8,845. It was obtained by the method as already explained generally. The population at this age at the Census 1911 was 2,050 below that at the 1901 Census. This number 2,050 was multiplied by the Registrar General's factor and the result—a minus quantity—added to the population of 1911, making 8,695. This new population, however, is that for the City in its old boundaries, and an addition of 150 was made to it as the proportion of those under one year of age added to the new Ward.

In the same way at each age group the difference between the population at the 1901 and 1911 Censuses has been multiplied by the factor for 1913 used by the Registrar General and added (or subtracted) to the census population of 1911, and a proportionate population for the new area added to the result.

The death-rate for the children between one and five years of age upon the newly calculated population at this age for the middle of 1913 was 21·2, and in the same way the death-rate from five to fifteen was 3·0 ; from fifteen to twenty-five 3·6 ; from twenty-five to forty-five 6·5 ; and from forty-five to sixty-five, 21·8, whilst the rate of mortality over sixty-five, if our estimated populations are correct, was 87·1 per thousand.

There is, of course, a certain amount of doubt about the population of any particular year which depends upon such calculations as have been described in regard to the population at all ages. The only thing that we feel pretty confident about is the population at the time of the Census.

It will be noticed that in tables 3 and 4 groups of the same age periods have been printed as in the earlier reports as far as the age twenty-five ; the group from twenty-five to sixty-five in the reports

for the last three years have been divided into two—twenty-five to forty-five and forty-five to sixty-five—and the group from sixty-five upwards remains as it has now been for several years. A previous alteration had been made in 1894. Before that time the two last age groups were from twenty-five to sixty and sixty upwards, and these numbers went right back to 1890. It is, however, exceedingly important that we should be able to compare the death-rates at certain age groups, and for that purpose to keep to the same age groups.

We have, therefore, in the three tables which follow table 4 placed, in each case for five years, the registered mortality at the old age groups up to sixty, and from sixty upwards. These figures will be found in regard to each of the five-year periods surrounding the three censuses, 1891, 1901 and 1911. In each of these tables the births and the deaths for the special ages given and for all ages are set out for each of the five years, the two before, the two after, and the census year itself, and the birth-rate and death-rate at each age group and at all ages for the five years has been calculated upon the census population which is considered sufficiently near the population for the middle of the period to be safely used.

In table 4a it will be seen that the death-rate at all ages during the five years 1889-93 calculated upon the population at the Census of 1891 was 22·1. At the several age groups up to twenty-five the figures were respectively 213, 36·5, 4·3 and 5·0. From twenty-five to sixty the rate was 14·8, and in those above sixty, 89·5. Ten years later, the respective death-rates, as will be seen from table 4b were 18·7, 198, 29·9, 4·2 and 4·2. From twenty-five to sixty, 11·6, and sixty upwards, 74·5. It was pointed out in the report for 1903 that, comparing these two periods with similar age groups, there had been a general diminution of mortality, that at all ages being one of 15·2 per cent. of the rate obtaining ten years earlier. The diminution in children under one year old, calculated in both cases on the census population, was one of 6·7 per cent.—that of those from one to five of 17·9 per cent.—from five to fifteen, the diminution was one of 1·2 per cent., whilst from fifteen to twenty-five it was 17·5 per cent. of the rate in the earlier period. The greatest diminution of all, as was pointed out in that report\* was

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\* Annual 1903.

TABLE 4a.

Births and deaths registered in the City of Leeds in the periods of 52 or 53 weeks of the years 1889-1893, and rates on census populations.

MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.										
1	2	3	4	5	6	7	8	9	10	11
	Regis- tered Births.	At all Ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and up- wards.	25 to 65.	Over 65.
Census population at these ages, Census, 1891 ..	..	367,505	10,436	35,556	81,919	75,584	144,125	19,885	..	..
1889 ..	11,696	7,861	2,073	1,315	362	369	2,100	1,642	..	..
1890* ..	12,336	8,370	2,128	1,210	369	398	2,379	1,886	..	..
1891 ..	12,538	8,429	2,216	1,391	369	392	2,235	1,826	..	..
1892 ..	12,546	7,403	2,114	1,087	311	334	1,899	1,659	..	..
1893 ..	12,348	8,512	2,542	1,483	340	411	2,049	1,687	..	..
Total 5 years (261 weeks) ..	61,464	40,575	11,073	6,486	1,751	1,904	10,662	8,699	..	..
Rate per 1,000 on population at census 1891 ..	33.4	22.1	21.3	36.5	4.3	5.0	14.8	89.5	..	..

\* 53 week rate



**TABLE 4b.**  
Births and deaths registered in the City of Leeds in the periods of 52 or 53 weeks of the years 1899-1903, and rates on census populations.

MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.										
1	2	3	4	5	6	7	8	9	10	11
Census population at these ages, Census, 1901 .. .. .	Regis- tered Births. .. .. .	At all Ages. 428,968	Under 1 year. 11,236	1 and under 5. 38,638	5 and under 15. 87,942	15 and under 25. 86,335	25 and under 60. 180,441	60 and up- wards. 24,376	25 to 65. 191,027	Over 65. 13,790
1899 .. .. .	12,939	8,105	2,222	1,241	451	389	2,074	1,728	2,515	1,287
1900 .. .. .	13,091	8,619	2,397	1,349	380	407	2,157	1,929	2,646	1,440
1901 .. .. .	12,898	8,283	2,429	1,187	356	337	2,142	1,832	2,620	1,354
1902* .. .. .	13,245	7,814	2,113	1,063	349	366	2,096	1,827	2,552	1,371
1903 .. .. .	12,996	7,334	1,992	944	321	295	2,019	1,763	2,458	1,324
Total 5 years (261 weeks) .. .. .	65,169	40,155	11,153	5,784	1,857	1,794	10,488	9,079	12,791	6,776
Rate per 1,000 on population at Census 1901 .. .. .	30.1	18.7	198	29.9	4.2	4.2	11.6	74.5	13.4	98.2

\* 53 weeks.



TABLE 4c.

Births and deaths registered in the City of Leeds in the periods of 52 or 53 weeks of the years 1909-1913, and rates on census populations.

MORTALITY FROM ALL CAUSES AT SUBJOINED AGES.										
1	2	3	4	5	6	7	8	9	10	11
	Regis- tered Births.	At all Ages.	Under 1 year.	1 and under 5.	5 and under 15.	15 and under 25.	25 and under 60.	60 and up- wards.	25 to 65.	Over 65.
Census population at these ages, Census, 1911 .. .. .	.. .. .	445,550	9,186	35,975.	87,326	82,459	199,806	30,798	211,969	18,635
1909 .. .. .	11,002	6,854	1,350	681	254	345	2,052	2,172	2,550	1,674
1910 .. .. .	10,867	6,790	1,446	856	267	287	1,993	1,941	2,433	1,501
1911 .. .. .	10,597	7,394	1,693	878	312	324	2,031	2,156	2,497	1,600
1912 .. .. .	10,367	6,403	1,057	613	297	315	1,960	2,161	2,416	1,705
1913* .. .. .	10,838	7,218	1,483	770	271	306	2,124	2,264	2,637	1,751
Total 5 years (261 weeks) .. .. .	53,671	34,659	7,029	3,798	1,401	1,577	10,160	10,694	12,533	8,321
Rate per 1,000 on population at Census 1911 .. .. .	24.1	15.6	153	21.1	3.2	3.8	10.2	69.4	11.8	89.3

\* 53 weeks. The numbers for 1913 are not the same as those given in Table 3, for we have omitted in Table 4c the births and deaths in the new district in order to make this comparable with the two preceding Tables 4a and 4b.

from twenty-five to sixty years of age, 21.4 per cent. of the earlier rate, whilst in persons over sixty there was also a diminution of 16.8 per cent. The deaths from twenty-five to sixty-five, and from sixty-five upwards were not got out till 1894, so that no comparison is possible in table 4a and 4b at those ages.

In comparing in the same way tables 4b and 4c, it will be found that the death-rate at all ages which had decreased from 22.1 to 18.7 still further decreased in the next ten years to 15.6, a further drop of 16.7 per cent. The infantile mortality on the census population which had been 213 in the five years 1889-93 and 198 in the five years 1899-1903, or 6.7 per cent., further decreased to 153 in the next five years surrounding the last Census, a diminution of 22.7 per cent. In the same way in children from one to five the death-rate which had been 36.5 in the table 4a and 29.9 in the quinquennium surrounding 1901, a drop of 17.9 per cent., became 21.1 during the lustrum surrounding 1911, a drop at this age of 29.4 per cent. From five to fifteen there was also a drop from 4.2 to 3.2, one of 23.8 per cent., as against 1.2 in the previous decade. There was a less startling fall at the age period fifteen to twenty-five, namely, from 4.2 to 3.8. This is equivalent to a fall of only 9.5 per cent., as against one of 17.5 per cent. in the preceding ten years. From twenty-five to sixty the death-rate which had been 14.8 in 1889-93 and 11.6 in the five years surrounding the 1901 census, became 10.2 in those surrounding that of 1911. This was a diminution of 12.1 per cent. as against one at similar ages in the preceding decade of 21.4 per cent. At the period over sixty, the drop was from 74.5 to 69.4, a diminution of 6.9 per cent., as against 16.8 in the previous ten year period.

In comparing tables 4b and 4c, we are able to get the other group of ages from twenty-five to sixty-five and sixty-five and upwards. In the 1901 group the death-rate from all causes between persons of twenty-five to sixty-five is 13.4, ten years later it was 11.8, a diminution of 11.9 per cent.

When the age in the last period was shifted from sixty to sixty-five, the diminution in those over sixty-five was from 98.2 to 89.3, a drop of 9.1 per cent.

TABLE 5.

Mortality in children under one year of age during the  
53 weeks of 1913.

	First Quarter.	Second Quarter.	Third Quarter.	Fourth Quarter.	YEAR.
Calculated per 1,000 of the population under 1, estimated to the middle of 1913, on the supposition that the whole population of the city was that estimated by the Registrar General, and that the population under one was obtained in the way described in the note to table 4. . . . .	168	147	201	148	166
Deaths under 1 per 1,000 births registered in same period . . . . .	138	121	161	124	136
Deaths per 1,000 registered births, the latter instead of those for the same quarterly period being the average of the same and four preceding quarters. The rate for the year is the mean of the four quarterly rates . . . . .	142	124	169	131	142
Average rate by last method for five preceding years . .	120	109	183	135	137
Average rate by second method for years 1886-90 (from table 7a 1890 report)	158	147	223	171	175



TABLE 5a.—Infantile Mortality during the year (53 weeks ended 3rd January, 1914).  
Deaths from stated causes in age periods of weeks and months under one year of age.

CAUSES OF DEATH.		1 week.	1-2 wks.	2-3 wks.	3-4 wks.	Total under one mth.	1-2 mths.	2-3 mths.	One and under three mths.	3-4 mths.	4-5 mths.	5-6 mths.	Three and under six mths.	6-7 mths.	7-8 mths.	8-9 mths.	Six and under nine mths.	9-10 mths.	10-11 mths.	11-12 mths.	Nine and under twelve mths.	Total deaths under one year.
All causes	{ Certified Uncertified	302 2	83	65	41	491 2	154	129	283	89	98	82	269	73	64	81	218	68	62	70	200	1,461 2
Common in- fectious diseases.	Small-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Chicken-pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Measles	..	..	..	..	..	1	..	1	..	..	..	..	2	..	3	5	4	9	7	20	26
	Scarlet fever	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1	1	1	2	4	5
	Diphtheria	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diarrhoeal diseases.	Membr. croup	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Other croup	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Whooping cough	..	..	1	..	1	3	..	3	2	3	6	11	3	5	3	11	4	3	1	8	34
	Diarrhoea, all forms	..	..	1	2	4	22	26	48	23	27	14	64	14	9	9	32	14	11	8	33	181
	Enteritis (not tuberculous)	..	..	5	1	12	4	2	6	1	3	2	6	3	3	5	11	2	..	2	4	39
Wasting diseases.	Gastritis	..	..	3	1	5	4	2	6	2	1	5	8	..	..	..	..	1	..	..	1	20
	Gastric & gastro-intestinal catarrh	..	..	2	2	5	..	1	1	1	3	..	4	..	1	..	..	..	1	..	1	12
	Gastro-enteritis	..	..	..	1	2	7	7	14	5	5	8	18	2	3	..	5	2	2	2	6	45
	Premature birth	159	21	20	5	205	18	3	21	1	1	..	2	..	..	..	5	..	..	..	..	228
	Congenital defects	24	11	4	4	43	2	2	4	..	3	..	3	..	5	..	..	..	..	1	1	56
Tuber- culous diseases.	Atelectasis	19	2	..	1	22	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	23
	Injury at birth	32	2	..	..	34	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	34
	Want of breast milk	3	..	1	..	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
	Inanition, malnutrition, priva- tion	18	8	4	3	33	2	3	5	1	3	1	5	1	2	..	3	..	..	1	1	47
	Atrophy	17	8	..	2	30	5	..	2	..	2	..	3	..	..	1	1	2	..	3	3	46
Tuber- culous diseases.	Debility	1	3	6	5	15	18	19	37	14	11	9	34	12	3	6	21	5	3	..	8	115
	Marasmus	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Tuberculous meningitis	..	..	..	..	..	1	1	2	2	..	1	3	1	1	2	4	1	1	3	5	14
	Tuberculous peritonitis	..	..	..	..	..	..	..	1	..	1	2	2	..	1	1	2	3	1	1	5	10
	Tabes mesenterica	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas Syphilis Rickets Meningitis (not tuberculous) Convulsions	Hydrocephalus	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Other tuberculous diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Erysipelas	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	Syphilis	7	7	..	..	..	9	6	3	3	..	1	4	1	..	..	1	..	..	..	..	3
	Rickets	..	..	..	..	..	1	1	2	2	1	3	6	..	..	..	2	1	1	1	2	44
Bronchitis Broucho-pneumonia Laryngitis Pneumonia	Meningitis	10	6	4	1	21	10	5	15	4	2	2	8	..	..	5	6	1	2	1	4	12
	Convulsions	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	18
	Bronchitis	..	..	2	3	5	13	16	29	7	6	4	17	10	5	17	32	6	7	8	21	104
	Broucho-pneumonia	2	1	..	1	4	8	9	17	6	11	4	21	10	12	13	35	8	9	16	33	110
	Laryngitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	2
Suffocation, over-laying Dentition Other causes (exclusive of lines in italics)	Pneumonia	1	..	..	..	1	4	2	6	2	2	4	8	1	3	3	7	4	2	3	9	31
	Suffocation, over-laying	4	..	1	1	6	2	3	5	..	1	..	1	..	..	..	..	..	..	..	..	12
	Dentition	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	29
	Other causes (exclusive of lines in italics)	5	4	1	5	15	15	7	22	3	6	3	12	3	6	5	14	4	4	5	12	75
TOTALS		304	83	65	41	493	154	129	283	89	98	82	269	73	64	81	218	68	62	70	200	1,463





TABLE 5c.—1913 (altered).

Infantile Mortality during 53 weeks ended January 3rd, 1914, at different periods of the first year of life. The rates in each district at different age periods of the first year are calculated upon the whole Births in that district for the year.

DISTRICT.	Births in year.	Under one week.		Under one month.		One and under three months.		Three and under six months.		Six and under nine months.		Nine and under twelve months.		Under one year.	
		Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.	Deaths.	Rate.
North ..	1,310	31	23·7	64	48·9	37	28·2	31	23·7	29	22·1	27	20·6	188	143·5
North-East ..	1,079	26	24·1	47	43·6	34	31·5	19	17·6	17	15·8	14	13·0	131	121·4
West ..	1,493	36	24·1	49	32·8	39	26·1	27	18·1	28	18·8	28	18·8	171	114·5
South-East ..	1,326	44	33·2	69	52·0	39	29·4	36	27·1	38	28·7	35	26·4	217	163·7
Hunslet ..	1,965	38	19·3	84	42·7	55	28·0	60	30·5	39	19·8	39	19·8	277	141·0
Holbeck ..	970	28	28·9	41	42·3	25	25·8	25	25·8	22	22·7	17	17·5	130	134·0
Wortley ..	1,316	47	35·7	68	51·7	33	25·1	46	35·0	28	21·3	23	17·5	198	150·5
Kirkstall ..	1,012	38	37·5	52	51·4	17	16·8	21	20·8	10	9·9	13	12·8	113	111·7
Bramley ..	387	16	41·3	19	49·1	4	10·3	4	10·3	7	18·1	4	10·3	38	98·2
City ..	10,858*	304	28·0	493	45·4	283	26·1	269	24·8	218	20·1	200	18·4	1,463	134·7

\* Exclusive of 89 Births in Workhouses.  
The North, North-East, West and South-East districts are different in area from any given in previous years.



SPECIAL INFORMATION REQUIRED BY  
LOCAL GOVERNMENT BOARD.

I again look upon the following paragraphs to some extent as an index of matters dealt with in more detail elsewhere.

(a) INFLUENCES THREATENING THE HEALTH OF THE DISTRICT.

It has been already mentioned that the death-rate for 1913 was higher than that for 1912. The latter, it will be remembered, was a record year in regard to healthiness. Some information has been already given as to particular diseases in which there was an excessive mortality (p. 4). It is, however, perhaps worth while to consider at what periods of the year the excess was noticeable.

*First quarter.*—It was in the first quarter of 1913 that our mortality was markedly excessive. The gross death-rate in the fourth quarter of 1912 had been 14·6. In the first quarter of 1913 it rose to 18·1. In table 2 the death-rate for Leeds for the first quarter is given as 17·9. This excludes some deaths in hospitals and elsewhere of persons not belonging to Leeds, and the corresponding numbers were left throughout that table as similar corrections have not been made in all other towns. The rate of 18·1 is the rate including all deaths that have occurred in Leeds and its hospitals as already mentioned on page 3. As will be seen from table A., part 3, in the Appendix to this Report, and that for 1912, measles was a little more fatal in the first quarter of 1913 than in the first quarter of 1912, the deaths in the latter having been six children, all under five years of age, whereas in the former, or the year we are considering, there were 54\* deaths from this disease under five years of age, and three\* over five.

From scarlet fever on the other hand, 15 deaths at all ages in 1912 were represented by five\* in 1913. From whooping cough also the mortality in the first quarter of 1913 was less than in 1912, the numbers in the earlier year having been 28, all but one under five years of age, and in the later year, 19\*, two of whom were over five. From diphtheria also our deaths were fewer in the first quarter of 1913 than in the first quarter of 1912, 17\* and 39 respectively. From influenza the deaths also were fewer, 13,\* all over five, against 28 also over five in the earlier year.

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\* Including in the later year the increased area.

In 1913 there were in the first quarter 174\* deaths from consumption against 167 in 1912, and there were 18\* deaths from tuberculous meningitis against 11 in the previous year, and 36\* from "other tuberculous diseases" as against 25 in 1912. Together these tuberculous diseases killed 228\* last year against 203 in the first quarter of the year before.

The deaths from rheumatic fever and acute rheumatism were not excessive in either year, nine\* in the later as against six in the earlier year. The deaths from malignant disease were also not very different, 131\* in the thirteen weeks of 1913 against 128 in the same number of weeks in 1912.

From bronchitis, broncho-pneumonia and other forms of pneumonia the deaths were 274,\* 99\* and 94\* respectively, together 467\* in 1913, against 224, 41 and 78, together 343, in 1912—an excess last year from this group.

The group of cirrhosis of the liver and Bright's disease accounted for 59\* deaths in 1913 against 53 in the corresponding quarter of the previous year. The group containing congenital debility and malformation including premature birth, all of course in children under five, caused 128\* deaths last year against 101 in the corresponding 13 weeks of the previous year, whilst the ill-defined illnesses were 780\* in 1913 against 696 in 1912, the total mortality from all causes per thousand of the population being, as already said, 18.1† against 16.1 in the corresponding quarter in 1912.

By turning to table F (2) and the corresponding table for 1912 it will be seen that during the first quarter in 1913 the average uncorrected barometric pressure was a trifle higher, 29.77 inches against 29.63. The average temperature was lower, 42.24° against 43.28°. The percentage humidity was also lower, 82.73 per cent. of saturation against 84.31. The maximum thermometer readings differed only about half a degree 46.00° in 1913 against 46.43° in 1912. The lowest readings were 36.41° against 37.07°. The daily range of the thermometer was a little greater in the first quarter of last year than in that of the previous year, 9.59° against 9.36°. The total rainfall was considerably lower 6.57 against 9.47.

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\* Including in the later year the increased area.

† In calculating the death-rates the increased population is taken into account.



With a lower temperature and a drier, but not excessively dry atmosphere, there was a greater tendency to loss of bodily heat (diathermancy). These conditions in the winter months are conducive to death from affections of the respiratory diseases, including measles, a disease when the infection is present, apt to spread fatally under the conditions enumerated.

*Second quarter.*—In the second quarter of the year the death-rate, though not so high, was also in excess, 15.7† against 14.1 in the previous year. Comparing table A, part 4, in the reports of both years, it will be noticed that in the year we are considering while the deaths from enteric fever, measles and scarlet fever were all less than in the same quarter of 1912, whooping cough was more fatal, 32\* deaths against 8. Diphtheria was also more fatal, 24\* as against 17, and influenza 23\* against 7.

On the other hand, the deaths from phthisis were diminished, 136\* against 154. From tuberculous meningitis they were increased, 22\* against 16, and from “other tuberculous diseases” 52\* against 46. The tuberculous group may be regarded as not differing greatly in the two years.

The acute rheumatisms caused 9\* deaths against two in the previous year, and cancer 146\* against 110.

Bronchitis, and broncho-pneumonia both caused deaths in excess of those in the second quarter of 1912, 158\* and 83\* against 111 and 46, but pneumonia in other forms slightly less, 75\* against 80, and the deaths from other respiratory disorders were 23\* against 37. The respiratory deaths were therefore in excess in 1913.

Diarrhoea and enteritis together at all ages caused 28\* deaths against 30 in the previous year. Nephritis caused 56\* against 34, and the group of congenital debility and malformation, etc., 116\* against 90. While deaths from violence and suicides were less numerous, the ill-defined group of diseases caused 675\* against 596 in the previous year.

The average uncorrected barometric pressure did not differ much in the two years. The average dry bulb temperature was 55.70° against 56.35° in the previous year. The humidity of the

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\* Including in the later year the increased area.

† In calculating the death-rates the increased population is taken into account.



atmosphere was 72.78 per cent. of saturation against 72.02 in the previous year. The highest thermometric readings averaged 60.73° as against 61.90° in 1912, and the lowest 45.80° against 46.66°. The average daily range of the thermometer was thus 14.93° as against 15.24°, and the rainfall was 6.12 against 7.83.

The second quarter was, therefore, more distinctly colder than in 1912. The humidity of the atmosphere was greater and its transparency to heat was a little less than in the previous year and the rain much less. These conditions tended rather to impede recovery in delicate persons.

*Third quarter.*—The deaths in the third quarter of the year as compared with those of the third quarter of the previous year, both periods of thirteen weeks, showed a diminished mortality from measles and from scarlet fever in the later year, and an increased mortality from whooping cough and diphtheria in 1913, the deaths in neither being above the average.

From phthisis the deaths were 90\* in 1913 as compared with 117 in 1912. From tubercular meningitis and "other tuberculous diseases" 16\* and 41\* in the later as compared with 17 and 44 in the earlier year. All tuberculous diseases caused 147\* deaths in 1913 against 178 in 1912.

Rheumatic fever and acute rheumatism caused seven\* deaths as compared with two. Cancer 149\* as compared with 110.

From bronchitis and broncho-pneumonia the deaths last year were 68\* and 35\* in the third quarter as compared with 70 and 36 in 1912, but from pneumonia they were 56\* as compared with 48. The respiratory deaths did not differ greatly in the two years.

From diarrhoea and enteritis (all ages) the deaths were 257\* in the third quarter of 1913 as compared with 69 in the third quarter of the previous year—a very marked disparity. From nephritis the deaths were 43\* as compared with 40. We get three more deaths in this quarter from puerperal fever than we had the year before, and four more from "other accidents of pregnancy."

From the congenital debility and malformation group the deaths in 1913 were 121\* as compared with 97 in the same quarter of 1912.

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\* Including in the later year the increased area.

Violent deaths were one fewer in the later as compared with the earlier year, but the suicides were four more. The ill-defined group of diseases caused 607\* deaths as compared with 535 in 1912.

The barometer in the third quarter of last year averaged 29.96 as against 29.85 in 1912. The dry bulb average temperature was two and a half degrees higher ( $61.89^{\circ}$  as against  $59.51^{\circ}$  in the previous year). The humidity was one-and-a-half per cent. of saturation less (72.99 as against 74.56). The highest readings in the thermometer averaged  $67.29^{\circ}$ , three degrees above the average of the corresponding quarter of 1912,  $64.22^{\circ}$ , and the lowest readings  $52.69^{\circ}$  against  $50.97^{\circ}$ , nearly a degree and three-quarters higher. The daily range was  $14.6^{\circ}$  in the later as compared with  $13.25^{\circ}$  in the earlier year, a degree and a half greater. The total rainfall was 2.85 as against 10.41 in the earlier year, the general position being that both the barometer and the thermometer were slightly higher in 1913, whilst the moisture in the atmosphere was slightly lower and the rainfall much less. In this quarter the death-rate in Leeds was 14.9† as against 12.6 in the earlier year. The death-rate from lung diseases† was the same as last year, 1.6, and that from the seven zymotic diseases, including diarrhoea at all ages, 2.3† as compared with 1.2.

In regard to the last item, measles was less fatal in 1913 than in 1912. Whooping cough more so. The zymotic rate, which was nearly twice as fatal in 1913 as in 1912, was, however, increased by the increase in the number of deaths from diarrhoea at all ages.

The infantile mortality, counted in the usual way per thousand births, was 161 in 1913, against 106 in 1912. The hot dry weather exacted its toll especially amongst the very young.

From the 6th to the 13th June in the second quarter, *i.e.*, the last week but three of the previous quarter with a low rainfall, we had had a strike on the part of the scavengers, not of the street sweepers, but of those who removed the refuse from houses. It was not, however, until six weeks later than this that the diarrhoea deaths especially amongst young children increased considerably. Of the 229 deaths from diarrhoea and enteritis amongst young children

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\* Including in the later year the increased area.

† In calculating the death-rates the increased population is taken into account.



during this quarter, 28 only occurred during the first four weeks of July. There is not therefore any very obvious causal connection between the strike and the perils of diarrhoea six weeks later.

*Fourth quarter.* Had a death-rate only nominally below that of 1912. It was the quarter in which, as compared with the large towns we had the most favourable death-rate. Our rate in Leeds, as already said, had been 13.9† as against that in Edinburgh of 13.8.

The quarter, which contained fourteen weeks, as compared with thirteen in the earlier year, had 157\* deaths from phthisis as compared with 133 in the shorter period, of 20\* as compared with 17 from tuberculous meningitis, and of 45\* as compared with 30 from "other tuberculous diseases."

Cancer caused 134\* deaths against 125, which, considering the extra week, is practically the same number of deaths. Bronchitis caused fewer, broncho-pneumonia rather more, other pneumonias less, and the chronic respiratory diseases slightly more; the group of lung diseases causing 318\* deaths in the fourteen against 335 in the thirteen weeks. Had the deaths occurred in 1912 in a fourteenth week at the same rate as in the thirteen weeks, there would have been 361 as against 318. Nephritis had practically the same death-rate as in the previous year, but the congenital debility and malformation group caused 132,\* as against 103 in the previous year, only part of the excess being accounted for by the extra week. The general group of ill-defined diseases was, however, less than in 1912 instead of more. The zymotic rate was nearly the same in the two corresponding quarters. The rate from lung diseases was also about the same.

The meteorological figures contrast as follows :—The barometer stood slightly higher, 29.80 against 29.74. The average temperature was also slightly higher, 48.25° against 46.63°. The humidity of the atmosphere was about the same, 84.50 per cent. of saturation as against 84.23. The highest readings of the thermometer had been nearly a degree higher, 51.74° against 50.76° and the lowest readings nearly two degrees higher, 42.53° against 40.63°.

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\* Including in the later year the increased area as well as the extra week.

† In calculating the death-rates the increased population is taken into account.



The daily range of the thermometer was, however, appreciably lower than during the previous year,  $9.21^{\circ}$  against  $10.13^{\circ}$ . These are all averages in which the extra week is included. The total rainfall was 6.38 in the fourteen weeks of 1913 as against 6.86 inches in the thirteen weeks of 1912, and as the last week of the year, the fourteenth, contributed nearly half an inch of rain, the quarter in 1913 may be looked upon as, on the whole, a drier one.

The infantile mortality which had risen to 161 per 1,000 born in the third quarter fell to 124 in the fourth, still far too high a rate of mortality amongst young children and considerably higher than the fourth quarter of the previous year, 105.

#### (b) GENERAL AND SPECIAL ENQUIRIES.

These have been continued. Every case of notifiable disease has been enquired into by the inspector of the Ward, and the information about the house conditions, circumstances and date of attack have been registered in each case. The same information has been obtained in regard to cases notified as tuberculous. Two inspectors have been specially told off to enquire into the house conditions and circumstances of these cases. The reason for putting special inspectors on for phthisis work has been mentioned before. It was found that the ordinary ward inspector who collected information about infectious disease and house conditions, in dealing with a chronic disease like consumption, was apt to ignore the fact that the illness might have commenced months or even years before the case was notified to us, and that the patient might in the meantime have changed his address several times, and this is more or less true to some extent of the occupation. Our attention was specially directed to this circumstance some years ago, when a complaint reached us that certain works dealing with asbestos had contributed a considerable number of deaths from consumption. My attention was directed to this circumstance owing to a certificate of a person who had died in the Wakefield registration area, and His Majesty's Inspector for the time being (Mr. C. F. Wright) gave me the information. Notification of phthisis had been for a long time voluntary in Leeds, and the information as to houses, occupation and circumstances of the attack obtained by the ward inspector in the same way as for ordinary infectious diseases. I had the separate books in which the phthisis cases

were reported examined for several years back, without being able to find that any either of the fatal cases of consumption or the reported illnesses had occurred in connection with the persons employed at these works. It occurred to us that, although a special instruction had been issued to the ward inspectors to ascertain not merely the present but also the past occupation of the persons whose death or illness he was enquiring into, in the multiplicity of other enquiries this particular one to which I had always attached a considerable amount of importance had been somewhat neglected. I therefore applied to the Committee for a special inspector to deal with consumption, who should have more or less the whole of the cases of that disease reported to us under his observation, and one of our senior inspectors, at that time employed as works inspector in the South-western division, was told off for this special work. As is usual under these circumstances, he was appointed temporarily to this work and someone put temporarily in his place as works inspector. He threw a good deal of energy into the work, but when (i.) consumption, and (ii.) other tuberculous diseases became compulsorily notifiable, it was found that he was singly unable to cope with the work, and another, this time a ward inspector, was appointed to help him. Since that time these two inspectors have obtained a very large amount of information about the houses in which consumption has occurred as well as in regard to the previous residences and previous occupations of the patient. Some of the results of this information were given in my Report for 1912 in regard specially to cases which had been reported to us by the Insurance Committee, and a comparison was made between the first hundred cases reported by that Committee between October 1st, 1912, and December 17th, 1912, and the second hundred between December 17th, 1912, and February 19th, 1913. This information was given on pages 37, 41, 42 and 43, and should time allow, some similar information will be given in a later part of the present report.

During the greater part of the time that the first special inspector for phthisis has been working, he has extracted from his books under our direction the number of new cases in which at the time of the first visit the patient had a room to himself and a bed to himself, and the number of cases in which these patients had lived in houses which on the Registrar-General's rather loose and somewhat too generalised computation might be regarded as a little overcrowded.



# THE CROWDING OF PERSONS IN PHTHISIS HOUSES.

From the Census returns for 1911 I have calculated that 6 per cent. of the houses in Leeds at the census of 1911 had more than two persons to a room. The percentage of persons varied in different districts dealt with from under one in district IX. to upwards of 14 in district VI. as shewn in table 6i. The former of these two districts had, as one might expect, a low death-rate from all causes (11 per 1,000), and only  $7\frac{1}{2}$  per cent. of that death-rate was caused by phthisis. The latter had a death-rate of 17.33 from all causes, and 8 per cent. of that was due to phthisis.

During the last three years we have noted down the house accommodation of the new cases of phthisis reported to us. These numbered 3,472. Of these it was found that 469, or 13.5 per cent., lived in houses in which there were more than two persons to a room, whilst a further percentage of 44.4 lived in houses in which there were exactly two persons to each room; 57.9 per cent., therefore, of the new cases of consumption reported to us seem to have lived in considerably over-crowded houses.

A further enquiry was made in regard to the 3,472 patients as to how many had a bedroom to themselves; 1,947, or 56.1 per cent., had not, or slept in bedrooms with at least one other person. Of these 1,947 patients (56.1 per cent. of the whole), 1,289, or 66.2 per cent., lived in houses in which there were two or more persons to each room. Again, of the 3,472 patients it was found that in 1,473 (or 42.4 per cent.) at least one other person slept in the same bed with the patient. Of these 1,473 patients, 967, or 65.6 per cent., lived in houses belonging to the crowded or over-crowded group—that is, two or more persons to the room. Over-crowding, therefore, as measured by two persons to a room, is greater in Leeds amongst the persons suffering from phthisis than in the town as a whole. It is, in fact, more than double, and amongst the patients in these crowded and over-crowded houses more than half had not apartments to themselves, and also more than half not even beds to themselves.

During 1913 the house-to-house examination of parts of every ward have been continued as for the last five-and-twenty years, but the inspectors have been specially instructed to report in each of the wards in the town upon the number of houses they have found in which there has been overcrowding such as could be



interfered with if necessary by law. Some of this information has been laid before the Local Government Board in connection with a special enquiry.

(c) WORK DONE BY THE INSPECTOR OF NUISANCES.

The general remarks given in my report for 1910 apply with very little alteration to 1913.

(d) WHOLESOMENESS OF MILK PRODUCED AND SOLD.

The visits to cow-sheds, milkshops and railway stations may be found in table VIII., and the number of analyses of milk in tables IX., IXa. and IXc. These latter tables, however, refer only to analyses made by the Public Analyst. For the last three years we have been making other analyses by the Gerber method in our own laboratory, and I append the general result of such examinations.

Year.	Genuine.	Deficient in fat.	Deficient only in solids, not fat.	Deficient in both.	Total.
1911	116 = 55%	11	67	16	210
1912	145 = 70%	5	51	6	207
1913	91 = 69%	4	29	7	131

These examinations, however, like those of the City Analyst, do not to any large extent deal with the wholesomeness of milk, but chiefly with the question of adulteration.

Since 1899 we have been sending specimens of milk, chiefly those brought into the town from outside, to the Medical School for biological examination, and the results have been detailed now for many years back under table VIII.b. In table VIII.b for 1913 will be found the examinations made in this way for us at the Medical School. In the first column of this table is given the date when the sample of milk was taken. The second column gives the number in our books of the farmer supplying the milk, and the letters "st" following the farmer's number signify that the milk was taken from the farmer's can at the station, whereas the letter "c" following the number of the farmer indicates that the milk was taken from the farmer's own can usually at the place of delivery in the town. So far as possible, the name of the Local Authority in whose district the farm is situated follows in the third column, whilst the retailer to whom the milk was sent appears in the fourth column, simply

again under a number. Where the letter " c " appears after the number of the retailer, it indicates that the milk had been taken from the cans belonging to the retailer. As a general rule, we prefer taking the milk from the can of the farmer himself for examination as to tuberculosis, as it enables us to get more directly at the source of the tubercle. Following the number of the retailer in the last column of the table is given the result of the test upon the guinea-pig, and immediately preceding this result is a symbol indicating whether the sample was taken in the ordinary course of examination, these samples being distinguished by a dagger. Where a sample was taken from a farm at which we knew that there had recently been a case of tuberculosis in a cow, and where we were anxious to ascertain that, having removed or isolated the cow, the milk had ceased to be tuberculous, we have distinguished these quasi-control specimens by a double dagger. Where the sample was taken from a single cow, we have distinguished the result by an asterisk.

There is, of course, a considerable difference between the circumstances under which these milks are taken. Those specimens distinguished by a single dagger are, as already indicated, what might be looked upon fairly as specimens of milk taken directly from the farm where our attention has not been specially directed to that farm by previous illness in the herd. The proportions of infected milk, therefore, amongst what we may call for convenience " original samples," are distinctly separate from those in which our suspicions had been already drawn to the milk, and in which the sample has been taken from a particular cow. The number of the latter is very small. It occurs amongst milks sent direct by the Veterinary Surgeon, where his attention has been directed to a particular cow on account of a positive result of a guinea-pig. The number of positive results amongst these special cows is, therefore, no criterion of the proportion of tubercle-contaminated milks brought into Leeds. On the other hand, the original samples, being mostly from outside Leeds, furnish a fair criterion of the proportion of tubercle-contaminated milks that reach us from outside. The difference in the mode of dealing with outside milks and milks from Leeds farms is because in Leeds farms we examine three or four times every year each cow in the herd, and usually a cow with an indurated udder is removed from the rest of the herd for observation. If at the second or third visit it is found that the cow's



udder is not improving, it is subjected to the tuberculin test or the owner advised to dispose of it. In some of these cases where the indications of a tuberculous udder are sufficiently suspicious, or where the farmer himself desires to have them confirmed in this way, a specimen of milk is sent to the Medical School for biological examination, and, in this case, the result of the examination would be marked with an asterisk. It is not, however, chiefly inside the town that we require to resort to the examination by the guinea-pig. Outside the town we have, generally speaking, no right of visiting farms unless we have received evidence pointing to the presence of tubercle, so that practically in outside milks our control is very largely by the examination at the Medical School. In every case this examination is eventually made by inoculation of a guinea-pig, but in almost every case preliminary examination by the microscope is made, and, although in a few cases the microscopic examination enables us to deal earlier with the cow at the farm, in the majority of cases it is not until at least a month has elapsed from the date that the milk was sampled that we are able to say positively that tubercle is present at that particular farm. There is a third class in the last column dealing with cases in which the examination has not given a positive result. In most of these cases, marked "Incomplete," one or both of the guinea-pigs has died prematurely. We asked the Professor of Pathology to indicate these cases to us when they occur, and he generally does by telephone, and, so far as possible, we like to get a second specimen of the milk where the death of the guinea-pig has followed inoculation at an earlier period than would have enabled the tubercle bacillus to have developed the disease in the animal.

During 1913, our special examinations of milk supplies bacteriologically have been discontinued. I hope before the end of the year to have recommenced them at our new laboratory at the Market Buildings.

Some further remarks on this subject were made under the same heading in the Annual Report for 1912, pages 28-30. It does not seem necessary to repeat all of them here.

Perhaps we may not for some years have said much about the examination of milk in connection with zymotic disease. The practice has been for nearly twenty years not only to record in the zymotic book against the entry of the illness the name and address



of the milkman, but to keep a sort of cross index of all milk dealers in Leeds, and to enter against the number of the milkman the page of the zymotic book in which any entry against him has been made. This book is examined weekly as a matter of routine by the zymotic clerk, and the number of any milkman who has had two cases at different houses of the same disease is handed at once to the Dairies Inspector. Of course, where any outbreak has occurred, the zymotic clerk directs my attention to persons supplying milk in that district, not only in regard to scarlet fever and diphtheria, but still more in regard to typhoid. We have also entered in this book against each retailer in Leeds the number of the farmer supplying him and the quantity of milk usually supplied. We have a corresponding book dealing with the farmers both inside and outside Leeds, showing the persons to whom they supply milk either, as is generally the case with them, wholesale, or, in a small number of cases, where they distribute the milk themselves. Where any suspicion occurs, such as the presence of two cases of typhoid in different houses supplied by the same milkman, the Dairies Inspector not only visits the retailer, but he obtains information as to any illnesses at the farm, and, if necessary, visits the premises. An illustration of the value of this kind of case was given in a small outbreak in an outer district of the town which occurred about Easter last year.

(e) WHOLESOMENESS OF OTHER FOODS.

The usual table about bakehouses will be found in the supplement and the general remarks made last year apply to this heading.

To a large extent, it is still true that Leeds people bake their own bread. Examination of the flour generally supplied to the bakers and also to the householder, shows that the purity of this substance is very great.

The kind and quantity of meat and other foods seized by the inspectors and subsequently destroyed will be found in table X.a.

(f) WATER SUPPLY.

I am obliged to Mr. C. G. Henzell, Waterworks Engineer, for the following notes on the water supply during the year.

The filtering of the town's water has been on the whole efficient. There was an epidemic of algae growth during the latter part of

May until the end of June, necessitating very frequent cleaning and scraping of the beds. The bacteriological and chemical analyses were never over normal.

The whole of the new filter beds are now in use, and the beds are being worked at a slower rate resulting in better filtration.

The gradual improvement of the Washburn gathering ground is proceeding by the diminution of the dairy farms, and the afforestation of the lands adjacent to the reservoirs.

(g) POLLUTION OF RIVERS.

No instance in the City proper was found in which sewage was discharging into the river. In the new ward six pollutions of streams were found coming from ten houses and all were dealt with by connecting to the main sewer. Two cases were found at Newlay, one being dealt with by connecting to the sewer and the other by constructing a cesspool.

(h) DRAINAGE, ETC.

This matter is being continually attended to, and the house-to-house investigations of dwellings in regard to their drainage has been systematically made for many years.

In this connection it is interesting to make a comparison between the percentages of houses with defective drains found by Dr. Turton during a special investigation of our Sanitary Inspectors' returns for 1902 and the percentage of defective houses found during the last three years. The houses compared in the two periods are those done in routine house-to-house work where there has been not necessarily any complaint or evidence of ill-health and also those examined on account of the occurrence of infectious disease.

	YEAR 1902.			THREE YEARS 1911-1913.		
	Houses examined.	Houses defective.	Percentage defective.	Houses examined.	Houses defective.	Percentage defective.
House-to-house ...	2,275	621	27·3%	20,019	2,477	12·36%
Typhoid ... ..	1,428	399	27·94%	257	14	5·44%
Diphtheria ...	3,914	1,091	27·88%	2,640	269	10·19%
Total ...	7,617	2,111	27·7%	22,916	2,760	12·4%

This table shews very clearly a great improvement in the condition of the drains of Leeds houses, the percentage of houses found defective on testing having fallen in eleven years from about 27 per cent. to about 12 per cent. The method of testing and all other conditions were of course, the same for the two groups compared.

It is very satisfactory to think that the immense amount of work that has been done by the sanitary department towards improving the conditions of houses as regards drainage has not been without result.

#### (i) CLOSET ARRANGEMENTS.

During 1913, the abolition of privy middens was continued, but the work becomes increasingly more difficult as only those privies now remain where there are special circumstances standing in the way of conversion to water closets. The difficulty is generally that there is no sewer within one hundred feet and in cases where there is a sewer situated a little more than this distance it seems probable that it would pay the Corporation to take a sewer up to within a hundred feet of the premises in order to be in a position to ask for the conversion of the privies and so save the City the obligation and cost of frequent emptying of wet and offensive middens.

During 1913, the work of providing additional sanitary accommodation in Grape Street and Vine Street on sites obtained by demolishing houses was proceeded with and this work is now completed. Similar work in other adjacent areas has been and is being done.

#### (j) REMOVAL OF HOUSE REFUSE AND CLEANSING OF ASHPITS, ETC.

This work proceeded on the usual lines but was interrupted by the strike of Corporation workmen which commenced on December 11th, 1913, and lasted until 13th January, 1914. Arrangements have now been made whereby the work of cleansing the City, hitherto a branch of the Sanitary Department, will be taken over and managed by a separate committee.

#### (k) HOUSING.

This work does not come directly under your Committee but under the Development Committee. During 1913, the special examination of houses, and the preparation of reports, plans, etc.,



for the Development Committee continued to be done by inspectors in your employment, in consideration for which the Development Committee paid to your Committee, a sum equal to the salary of an ordinary inspector. An arrangement has been made in the present year however, for the Development Committee to have the full time of a special Housing Inspector whose salary they pay.

The usual house-to-house examination was continued in every ward, and during the year 6,443 houses were thus examined. When any house was found to be in a particularly bad condition it was then subjected to a special and more minute examination, with a view to representation, and 192 houses were thus dealt with. The after history of these houses can be seen at a glance in the table on page 120.

The details of all the various properties dealt with are given in the next table including all houses represented since the commencement of the working of the Housing and Town Planning Act in Leeds. The work of the year 1913 begins toward the bottom of page 124. The principal block of houses dealt with during the year consisted of those in St. James Street (54 in number), on that side of the street which is not affected by the Improvement Scheme in connection with the extension of the General Infirmary.

The rest of the work consisted in dealing with isolated blocks or Folds in various parts of the City, the details of which will also be found in the table.

#### (4) VITAL STATISTICS.

The usual tables are given. Number 17 has been altered now for three years and corresponds to the new table III. asked for by the Local Government Board. This table is intended to be roughly comparable with similar information obtained for large towns and districts throughout the civilised world. One of the great difficulties that the Local Government Board and the Registrar-General have had to contend with is the allocation of deaths to the districts to which the patients originally belonged. This is a matter which we have made some attempt to deal with in Leeds since 1890.

In most of the tables published in this Report, including tables 1, 3, 4, 5, 6, 6 a, 6 b, 12, 12 a, 13, 19, 22, and tables A, parts 1 and 2 for the year and the corresponding tables for the quarter, C, D, part 1, E and F, all so far as they relate to the whole town,

deal with all the deaths that have taken place within the City boundary whether in public institutions or not, and include also those deaths in Hunslet Workhouse outside the town of residents directly belonging to Leeds. In other words, all the deaths in the Infirmary and Workhouses and public and private hospitals occurring within Leeds are included in these tables, and the deaths in Hunslet Workhouse, which is outside the City, are also included. The deaths that are not included in the rates for the whole town are those of people resident temporarily outside Leeds. Table 17 a gives separately the deaths outside Leeds of other cases fathered upon us by the Registrar-General.

(m) WORKING OF MIDWIVES' ACT.

For this I must again refer you to the special report of the work done by the women inspectors on page 82.

(n) TUBERCULOSIS TREATMENT.

On June 25th, 1913, a central Tuberculosis Dispensary was opened in premises which were formerly used by the Leeds Public Dispensary and which were purchased by the City Council. The staff consists of one part time Tuberculosis Officer, three trained nurses, a lady secretary and a clerk, and latterly the Assistant Medical Officer of Health and the Resident Medical Officers from Killingbeck Sanatorium have assisted with the work.

Both insured and non-insured persons are now being dealt with and beds are available at Killingbeck, Armley House and Gateforth, according to the scheme arranged between the City Council, the Leeds Association for the Prevention and Cure of Consumption and the Leeds Insurance Committee. Statistical details are not available at present, but they will be published in the report for 1914.

J. SPOTTISWOODE CAMERON.

\* WILLIAM ANGUS.

LEEDS, *October, 1914.*

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\* Owing to the illness of Dr. Cameron, the latter part of this section was compiled by the Assistant Medical Officer of Health.

**TABLE 6.****Deaths from tuberculosis.**

1913.	Tuberculosis, general and undefined.	Phthisis.	Hydro- cephalus.	Tuberculous meningitis.	Tuberculous peritonitis.	Tabes mesenterica.	Scrofula.	TOTAL.
I. Quarter	18	174	2	18	10	6	..	228
II. do. ..	28	136	3	22	14	7	..	210
III. do. ..	25	90	..	16	11	5	..	147
IV. do.. .. (14 weeks)	19	157	..	20	15	11	..	222
Year (53 weeks)	90	557	5	76	50	29	..	807
Annual death- rate, 53 weeks of 1913 ..	0·19	1·20	0·01	0·16	0·11	0·06	..	1·74

All deaths from these causes registered in Leeds, whether those of Leeds persons or not, are included. See note to Table 1.



Deaths from Phthisis and cases reported voluntarily  
1902-1913.

YEAR.	DEATHS FROM PHTHISIS.	CASES REPORTED.
1902*	584	452
1903	562	586
1904	626	631
1905	558	555
1906	570	720
1907	605	563
1908*	621	592
1909†	548	934
1910†	510	1012
1911†	558	936
1912‡	571	1444
1913*‡	557	1479

\* 53 weeks years, others 52.

† Includes compulsory notification of Poor Law cases. Duplicate notifications as far as possible left out.

‡ Notification of all cases of pulmonary tuberculosis compulsory. Cases previously notified left out.

TABLE 6 a.

## Tuberculosis.

YEAR.	Population by interpolation to 1900, since by A. P.	General or undefined.	Phthisis.	Hydro- cephalus.	Tuberculous meningitis.	Tuberculous peritonitis.	Tabes mesenterica.	Scrofula.	TOTAL.
1890*	363,018	92	612	20	92	14	92	6	928
1891	369,034	84	657	18	72	25	102	9	967
1892	375,081	84	530	14	65	14	93	9	809
1893	381,157	99	648	17	67	32	86	12	961
1894	387,259	79	576	9	72	18	61	13	828
1895	393,387	114	611	16	77	15	90	2	925
1896*	399,535	66	613	15	74	22	73	10	873
1897	405,716	102	589	14	91	36	99	2	933
1898	411,895	96	576	17	73	26	98	3	889
1899	418,101	86	596	9	102	33	80	1	907
1900	424,322	101	605	12	94	48	87	1	948
1901	429,383	107	605	7	75	46	136	..	976
1902*	431,043	109	584	4	100	36	80	3	916
1903	432,703	100	562	8	106	37	82	1	896
1904	434,363	137	626	8	88	43	93	..	995
1905	436,023	106	558	10	85	39	48	..	846
1906	437,683	113	570	10	82	43	58	3	879
1907	439,343	95	605	13	82	35	24	..	854
1908*	441,003	115	621	13	71	60	42	..	922
1909	442,663	105	548	11	69	37	52	..	822
1910	444,323	93	510	6	67	40	33	2	751
1911	445,983	128	558	6	64	54	20	1	831
1912	447,623	85	571	6	61	36	18	..	777
1913*	457,030	90	557	5	76	50	29	..	807

\* 1890, 1896, 1902, 1908 and 1913 were 53 week years, the others 52.

See note to table 6.

Extended boundary included for year 1913, but not previously.

TABLE 6 b.

Tuberculosis. Death rates per 1,000 per annum  
in 24 years, 1890-1913.

YEAR.	General or undefined.	Phthisis.	Hydro- cephalus.	Tuberculous meningitis.	Tuberculous peritonitis.	Tabes mesenterica.	Scrofula.	TOTAL.
1890*	·25	1·66	·05	·25	·04	·25	·02	2·52
1891	·23	1·79	·05	·20	·07	·28	·02	2·63
1892	·22	1·42	·04	·17	·04	·25	·02	2·16
1893	·26	1·71	·04	·18	·08	·23	·03	2·53
1894	·20	1·49	·02	·19	·05	·16	·03	2·15
1895	·29	1·56	·04	·20	·04	·23	·01	2·36
1891 } 1895 }	·24	1·59	·04	·19	·05	·23	·02	2·37
1896*	·16	1·51	·04	·18	·05	·18	·02	2·15
1897	·25	1·46	·03	·23	·09	·24	·00	2·31
1898	·23	1·40	·04	·18	·06	·24	·01	2·17
1899	·21	1·43	·02	·24	·08	·19	·00	2·18
1900	·24	1·43	·03	·22	·11	·21	·00	2·24
1896 } 1900 }	·22	1·45	·03	·21	·08	·21	·01	2·21
1901	·25	1·41	·02	·18	·11	·32	..	2·28
1902*	·25	1·33	·01	·23	·08	·18	·01	2·09
1903	·23	1·30	·02	·25	·09	·19	·00	2·08
1904	·32	1·45	·02	·20	·10	·21	..	2·30
1905	·24	1·28	·02	·20	·09	·11	..	1·95
1901 } 1905 }	·26	1·36	·02	·21	·09	·20	·00	2·14
1906	·26	1·31	·02	·19	·10	·13	·01	2·02
1907	·22	1·38	·03	·19	·08	·05	..	1·95
1908*	·26	1·38	·03	·16	·13	·09	..	2·06
1909	·24	1·24	·02	·16	·08	·12	..	1·86
1910	·21	1·15	·01	·15	·09	·07	·00	1·70
1906 } 1910 }	·24	1·29	·02	·17	·10	·09	·00	1·92
1911	·29	1·26	·01	·14	·12	·04	·00	1·87
1912	·19	1·28	·01	·14	·08	·04	..	1·74
1913*	·19	1·20	·01	·16	·11	·06	..	1·74

\* 1890, 1896, 1902, 1908 and 1913 were 53 week years, the others 52.  
The death rates in each case are calculated on a year containing  
52·17747 weeks. See note to table 6.



TABLE 6 c.

Deaths from pulmonary tuberculosis in intercepts of wards and districts in 1913, in three age groups, with rates per 1,000 at all ages.

Registration Districts altered.	Intercepts of Wards.	AGE.			TOTAL.	Deaths per 1,000.
		—25.	25—45.	45+.		
HOLBECK ..	Holbeck .. ..	9	12	9	30	0·98
	West Hunslet .. ..	2	5	1	8	0·89
HUNSLET ..	West Hunslet .. ..	12	14	9	35	1·21
	East Hunslet .. ..	21	19	5	45	1·32
	South .. ..	4	7	4	15	1·85
	East (Osmondthorpe)	..	..	..	..	..
SOUTH-EAST LEEDS	East .. ..	23	21	17	61	1·69
	Central .. ..	..	3	6	9	8·06
	South .. ..	3	3	5	11	2·71
	Central (Old North)	3	10	7	20	1·66
NORTH-EAST	North-East .. ..	13	16	13	42	2·29
	North-East (Potternewton)	2	4	6	12	0·59
	Roundhay .. ..	..	..	..	..	..
	Seacroft .. ..	..	..	1	1	0·56
	Shadwell .. ..	..	..	..	..	..
	Crossgates .. ..	..	..	1	1	0·50
NORTH LEEDS	North (Potternewton)	4	10	3	17	0·85
	North (Chapel-Allerton)	2	..	2	4	0·56
	North (Old N. Leeds) ..	5	19	4	28	1·73
	Brunswick (Potternewton)	..	1	1	2	0·41
	Brunswick .. ..	7	10	5	22	1·17
WORTLEY ..	New Wortley .. ..	7	5	3	15	0·91
	Armley .. ..	3	14	3	20	0·70
	Wortley .. ..	4	2	..	6	0·61
	Farnley .. ..	..	..	..	..	..
BRAMLEY ..	Bramley .. ..	6	13	4	23	1·11
KIRKSTALL ..	Kirkstall .. ..	2	1	1	4	0·80
	Burley .. ..	11	9	8	28	1·00
	Headingley .. ..	2	3	6	11	0·71
	Meanwood .. ..	..	..	1	1	0·49
WEST ..	North-West .. ..	7	22	8	37	1·21
	North-West (Ridge) ..	..	..	..	..	..
	Mill Hill .. ..	1	4	2	7	1·27
	West .. ..	8	12	14	34	1·70
CITY ..	.. ..	161	239	149	549	1·18
	No home .. ..	..	..	3	3	..
	Outsiders .. ..	3	1	1	5	..

In October, 1912, the whole of the Brunswick ward was transferred from the West Leeds registration district to the North Leeds registration district, and the portion of the Central ward (North of Kirkgate) from the North registration district to the South-East registration district.

TABLE 6 f.

Cases of phthisis notified in intercepts of wards and districts in 1913 (53 weeks) in three age groups, with rates per 1,000 at all ages.

Registration Districts altered.	Intercepts of Wards.	AGE.						TOTAL.	Rate per 1,000.
		—25.		25—45.		45+.			
		m.	f.	m.	f.	m.	f.		
HOLBECK ..	Holbeck .. ..	29	21	27	18	5	4	104	3·40
	West Hunslet .. ..	..	1	5	5	1	..	12	1·34
HUNSLET ..	West Hunslet .. ..	20	22	12	16	8	3	81	2·80
	East Hunslet .. ..	21	26	17	17	5	3	89	2·62
	South .. ..	4	5	7	1	3	..	20	2·47
	East (Osmondthorpe)	..	..	..	..	..	..	..	..
SOUTH-EAST LEEDS	East .. ..	27	44	25	27	13	12	148	4·11
	Central .. ..	..	..	1	..	7	..	8	7·16
	South .. ..	1	10	4	3	7	1	26	6·41
	Central (Old North)	5	3	13	7	6	1	35	2·91
NORTH-EAST	North-East .. ..	25	19	28	10	12	13	107	5·83
	North-East (Potter- newton)	7	11	9	10	5	5	47	2·33
	Roundhay .. ..	..	..	..	..	..	..	..	..
	Seacroft.. ..	..	..	..	..	..	..	..	..
	Shadwell .. ..	..	..	..	..	..	..	..	..
	Crossgates .. ..	..	..	..	..	..	1	1	0·50
NORTH LEEDS	North (Potternewton)	7	3	15	9	6	1	41	2·05
	North (Chapel-Allerton)	2	3	1	2	2	1	11	1·54
	North .. ..	9	13	32	13	7	4	78	4·81
	Brunswick (Potter- newton)	..	..	2	2	..	1	5	1·01
	Brunswick .. ..	10	11	24	6	7	6	64	3·42
WORTLEY ..	New Wortley .. ..	5	6	9	8	5	1	34	2·06
	Armley .. ..	13	9	13	9	4	1	49	1·72
	Wortley .. ..	6	3	3	2	2	2	18	1·83
	Farnley .. ..	1	3	..	..	..	1	5	1·18
BRAMLEY ..	Bramley .. ..	9	8	10	13	4	3	47	2·28
KIRKSTALL ..	Kirkstall .. ..	2	3	3	2	3	1	14	2·81
	Burley .. ..	20	17	27	13	9	4	90	3·22
	Headingley .. ..	2	1	8	7	1	..	19	1·23
	Meanwood .. ..	..	1	1	..	..	..	2	0·97
WEST.. ..	North-West .. ..	16	14	25	10	9	6	80	2·62
	North-West (Ridge)	..	..	..	..	..	..	..	..
	Mill Hill .. ..	3	1	4	5	2	1	16	2·91
	West .. ..	17	10	25	12	12	3	79	3·94
CITY .. ..	.. ..	261	268	350	227	145	79	1,330	2·86

**TABLE 6 g.**

Index of Intercepts of wards numbered to correspond with order in which they are given in Table 6 h.

No. on Map.	Intercept of ward.	Registration sub-district before 1911.	Registration sub-district at 1911 census.
1	Holbeck .. ..	HOLBECK .. ..	HOLBECK
2	West Hunslet .. ..	„ .. ..	„
3	West Hunslet .. ..	HUNSLET .. ..	HUNSLET
4	East Hunslet .. ..	„ .. ..	„
5	South .. ..	„ .. ..	„
6	East .. ..	OSMONDTHORPE ..	„
7	East .. ..	SOUTH-EAST ..	SOUTH-EAST
8	Central .. ..	„ .. ..	„
9	South .. ..	„ .. ..	„
10	North-East .. ..	NORTH .. ..	NORTH-EAST
11	North-East (Potternewton)	CHAPELTOWN ..	„
12	North (Potternewton) ..	„ .. ..	NORTH
13	North (Chapel Allerton) ..	„ .. ..	„
14	North .. ..	NORTH .. ..	„
15	Central (including part from West)	NORTH AND WEST	„
16	New Wortley .. ..	WORTLEY .. ..	WORTLEY
17	Armley .. ..	„ .. ..	„
18	Wortley .. ..	„ .. ..	„
19	Farnley .. ..	„ .. ..	„
20	Bramley .. ..	BRAMLEY .. ..	BRAMLEY
21	Kirkstall .. ..	KIRKSTALL .. ..	KIRKSTALL
22	Burley .. ..	„ .. ..	„
23	Headingley .. ..	„ .. ..	„
24	Meanwood .. ..	CHAPELTOWN ..	„
25	Brunswick (Potternewton)	„ .. ..	WEST
26	Brunswick .. ..	WEST .. ..	„
27	North-West .. ..	„ .. ..	„
28	North-West (Ridge) ..	CHAPELTOWN ..	„
29	Mill Hill .. ..	WEST .. ..	„
30	West .. ..	„ .. ..	„



**TABLE 6 h.**

Showing for intercepts:—Density of population; average death-rate from **All Causes** and from **Consumption** during the nine year period 1905-1913.

Intercept.	Persons per acre.	Death-rate 1905-1913.		Percentage of Phthisis death-rate to that from All Causes.
		All Causes.	Phthisis.	
1	59	<b>16·76</b>	1·18	7·01
2	7	<i>13·07</i>	<i>1·04</i>	7·93
3	88	<i>14·54</i>	<i>1·03</i>	7·07
4	29	<i>16·13</i>	<i>1·09</i>	6·73
5	46	<b>20·18</b>	1·31	6·47
6	1	<i>12·03</i>	0·86	7·41
7	47	<b>20·20</b>	<b>1·64</b>	8·11
8	30	<b>28·45</b>	<b>5·49</b>	<b>19·28</b>
9	28	<b>23·68</b>	<b>2·49</b>	<b>10·51</b>
10	63	<b>21·23</b>	<b>2·15</b>	<b>10·20</b>
11	16	<i>11·39</i>	<i>1·02</i>	8·91
12	40	<i>11·07</i>	0·83	7·50
13	3	<i>10·56</i>	0·69	6·58
14	104	<b>17·32</b>	<b>1·43</b>	8·24
15	83	<b>18·30</b>	<b>2·01</b>	<b>11·00</b>
16	40	<b>18·40</b>	1·21	6·57
17	29	<i>14·12</i>	0·87	6·18
18	15	<i>14·32</i>	0·81	5·63
19	2	<i>12·12</i>	0·55	4·55
20	8	<i>13·16</i>	<i>1·02</i>	7·74
21	6	<i>13·72</i>	1·24	9·04
22	53	<i>12·44</i>	1·20	<b>9·62</b>
23	7	<i>9·50</i>	0·56	5·88
24	4	<i>13·03</i>	<i>1·14</i>	7·79
25	15	<i>10·62</i>	0·59	5·60
26	92	<i>14·28</i>	<b>1·44</b>	<b>10·08</b>
27	62	<i>14·70</i>	<i>1·14</i>	7·73
28	less than 1	<i>14·05</i>	nil.	..
29	29	<b>16·82</b>	<b>1·85</b>	<b>10·99</b>
30	74	<b>19·48</b>	<b>1·97</b>	<b>10·13</b>
CITY (Old Boundary)	20	<i>15·23</i>	<i>1·27</i>	8·31

The heavy figures in the last three columns indicate rates 10% in excess of the City rate  
italics 10% below.

TABLE 6i.

Relations of Phthisis deaths in nine years 1905-1913 to general death-rate and certain housing conditions.

No. of District in R.G.'s Schedule.	Nos. of intercepts making up Schedule District. (v. Table 6g).	Population 1909m by A.P. 1901c-1911c	Approximate persons per acre 1909m.	CENSUS, 1911.			Deaths per 1,000 per annum, 1905-1913.		Per cent. of Phthisis Death-rate to that from All Causes.
				Total Tenements.	Tenements with more than two persons to a room.	Per cent. of Tenements with more than two persons to a room to Total Tenements.	All Causes.	Phthisis.	
I. ..	20	19,305	8	4,875	198	4·1	13·16	1·02	7·7
II. ..	17	27,859	29	6,804	260	3·8	14·12	0·87	6·2
III. ..	19	4,233	2	1,021	35	3·4	12·12	0·55	4·6
IV. ..	16, 18	26,424	25	6,137	472	7·7	16·96	1·07	6·3
V. ..	7, 8, 9	38,458	43	8,521	1,071	12·6	20·85	1·85	8·9
VI. ..	14	16,333	104	3,209	470	14·7	17·33	1·43	8·2
VI.A & VII.	15	14,446	83	2,652	248	9·4	18·30	2·01	11·0
VIII.	13	6,236	3	1,665	16	1·0	10·56	0·69	6·6
IX. ..	12	18,838	40	4,453	19	0·4	11·07	0·83	7·5
X. ..	27, 29, 30	58,113	58	12,920	563	4·4	16·67	1·52	9·1
X.A ..	26	19,052	92	3,858	171	4·4	14·28	1·44	10·1
XI. ..	25	4,109	15	1,017	11	1·1	10·62	0·59	5·6
XI.A ..	28	79	less than 1	17	1	5·9	14·05	Nil	..
XII. ..	21, 22, 23	45,583	14	11,150	295	2·6	11·65	1·00	8·6
XIII.	24	1,755	4	475	8	1·7	13·03	1·14	7·8
XIV.	11	15,307	16	4,090	47	1·1	11·39	1·02	8·9
XV. ..	10	19,681	63	4,271	599	14·0	21·23	2·15	10·1
XVI.	3, 4, 5	69,670	57	16,118	1,160	7·2	16·02	1·09	6·8
XVII.	6	646	1	157	2	1·3	12·03	0·86	7·1
XVIII.	1	29,363	59	6,944	656	9·4	16·76	1·18	7·0
XIX.	2	7,173	6	1,822	77	4·2	12·95	1·02	7·9
	CITY ..	442,663	20	102,176	6,379	6·2	15·23	1·27	8·3

The heavy figures in the last four columns indicate rates 10% in excess of the City rate, italics 10% below.

TABLE 12.

Showing cases of Scarlet Fever heard of in Leeds during the twenty-four years, 1890-1913, with the numbers admitted to the city fever hospital and the deaths in the city and in hospital; showing also for biennial periods the relations to the population of the deaths in the city, and the admissions to hospital.

	Cases. †		Deaths.		Per 1,000 living (Annual rates).	
	Heard of.	Admitted to hospital.	City.	Hospital.	Deaths in city.	Cases in hospital.
1890	337	133	103	23	} 0·23	0·39
1891	328	152	66	18		
1892	812	440	74	19	} 0·14	0·83
1893	316	188	31	6		
1894*	967	453	52	18	} 0·13	1·21
1895	874	493	52	29		
1896	1,216	441	72	20	} 0·21	1·26
1897	1,791	576	95	27		
1898	2,002	532	121	25	} 0·22	1·43
1899	1,620	649	64	21		
1900	1,745	722	52	21	} 0·16	2·07
1901	2,280	1,038	82	39		
1902	1,962	1,041	56	23	} 0·19	2·42
1903	2,465	1,063	109	36		
1904	1,295	850	59	34	} 0·11	1·81
1905	935	720	39	30		
1906	1,029	796	33	25	} 0·10	1·88
1907	1,012	846	54	47		
1908	658	524	14	11	} 0·03	1·71
1909	1,177	996	12	12		
1910	1,749	1,501	42	32	} 0·10	3·26
1911	1,633	1,394	45	44		
1912	1,227	1,095	40	33	} 0·06	2·51
1913	1,311	1,195	16	15		

\* Notification became compulsory in May, 1894.

† "Cases heard of" does not include one fatal in the third quarter of 1894 (included, however, in the 52 deaths), of which we had no information till we received the Registrar's returns. Similarly one death in 1895, another in 1896, two in 1897, one in 1900, one in 1901, one in 1903, two in 1906, and one in 1910, are included in the death column, but not in that of cases heard of. Before May, 1894, there were, of course, many such.



TABLE 12 a.

Showing deaths from Scarlet Fever in Leeds during four periods of ten years each.

Periods.	Deaths.	Deaths per 1,000.*	Fall per cent. on rate of preceding period.
Ten years 1870-79 ..	3,090	1·09	..
Ten years 1880-89 ..	2,255	0·68	38
Ten years 1890-99 ..	725	0·19	72
Ten years 1900-09 ..	506	0·12	37
Four years 1910-13 ..	141	0·09	..

\* The rate 1·09 is probably somewhat lower than the real rate for the period. It is calculated on an over-estimated population, and should probably be 1·11. The deaths are in each line those given by the Registrar General, which differ slightly in recent years from our own returns. The rates are recalculated from results of last census.

TABLE 12 b.

Cases of Scarlet Fever reported in each quarter since 1894.

YEAR.	I. QUARTER.		II. QUARTER.		III. QUARTER.		IV. QUARTER.		YEAR TOTAL.	
	Heard of.	Hospit- alled.	Heard of.	Hospit- alled.	Heard of.	Hospit- alled.	Heard of.	Hospit- alled.	Heard of.	Hospit- alled.
1895	145	77	115	70	296	177	318	169	874	493
1896*	167	88	144	75	373†	137	532	141	1,216	441
1897	399	176	307	139	473	138	612	123	1,791	576
1898	580	109	521	145	491	123	410	155	2,002	532
1899	387	151	352	169	411	197	470	132	1,620	649
1900	340	122	337	145	389	204	679	251	1,745	722
1901	471	248	538	255	598	272	673	263	2,280	1,038
1902*	442	223	431	227	465	279	624†	312	1,962	1,041
1903	634	252	716	256	612	285	503	270	2,465	1,063
1904	323	220	300	197	320	188	352	245	1,295	850
1905	284	217	195	148	199	153	257	202	935	720
1906	201	148	241	176	312	259	275	213	1,029	796
1907	214	176	246	201	285	236	267	233	1,012	846
1908*	223	186	192	153	128†	97	115	88	658	524
1909	166	131	210	184	296	272	505	409	1,177	996
Averages of } 15 years	332	168	323	169	377	201	439	214	1,471	752
1910	372	306	439	367	360	326	578	502	1,749	1,501
1911	434	364	353	307	348	303	498	420	1,633	1,394
1912	301	263	263	233	292	261	371	338	1,227	1,095
1913*	289	266	323	296	314	283	385	350	1,311†	1,195

\* 53 week years, the others 52.      † 14 week quarters, the others 13.

TABLE 13.

Deaths in Leeds during twenty-four years, 1890-1913, certified from diphtheria, membranous croup, "croup," and laryngitis, with death-rates of the group.

YEAR.	Population.	Diph- theria.	Mem- branous Croup.	"Croup."	Laryn- gitis, &c.	TOTALS.	
						Deaths.	Rate per 1,000 living.
1890*	363,018	24	..	32	26	82	0·22
1891	369,034	16	2	29	23	70	0·19
1892	375,081	29	1	48	35	113	0·30
1893	381,157	59	7	63	58	187	0·49
1894	387,259	60	15	52	41	168	0·44
1895	393,387	39	30	16	16	101	0·26
1896*	399,535	39	11	24	20	94	0·23
1897	405,716	51	23	17	24	115	0·28
1898	411,895	203	26	23	19	271	0·66
1899	418,101	299	36	14	24	373	0·90
1900	424,322	235	21	6	17	279	0·66
1901	429,383	163	12	18	14	207	0·48
1902*	431,043	82	14	6	15	117	0·27
1903	432,703	61	4	11	10	86	0·20
1904	434,363	40	10	10	17	77	0·18
1905	436,023	38	6	6	8	58	0·13
1906	437,683	76	8	5	17	106	0·24
1907	439,343	66	3	3	10	82	0·19
1908*	441,003	49	1	2	4	56	0·13
1909	442,663	61	4	5	10	80	0·18
1910	444,323	64	6	4	8	82	0·19
1911	445,983	147	7	2	9	165	0·37
1912	447,623	91	3	1	11	106	0·24
1913*	457,030	86	1	2	6	95	0·20

\* 53 week years, the others 52.

Extended boundary included for year 1913, but not previously.

Population 1890 to 1900 by interpolation from data of three censuses.  
Since 1901 by A.P.



TABLE 17.

Causes of, and ages at, death during year (53 weeks) 1913.

1	2	3	4	5	6	7	8	9	10	11
CAUSES OF DEATH.	Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District.									Total deaths whether of Residents " or "Non-Residents" in Institutions in the district.
	All Ages.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and up-wards.	
Certified ..	7231	1467	419	344	265	292	946	1633	1815	..
Uncertified ..	6	2	..	..	..	..	..	1	3	..
Enteric Fever ..	19	..	..	..	..	2	11	5	1	8
Smallpox ..	..	..	..	..	..	..	..	..	..	..
Measles ..	108	26	41	36	5	..	..	..	..	8
Scarlet Fever ..	15	..	3	7	4	1	..	..	..	15
Whooping Cough ..	94	35	30	24	5	..	..	..	..	..
Diphtheria and Croup ..	89	5	10	36	34	2	1	1	..	60
Influenza ..	53	2	..	..	3	2	8	16	22	4
Erysipelas ..	13	3	..	..	..	3	2	4	1	5
Phthisis (Pulmonary Tuberculosis) ..	578	3	10	16	30	108	249	134	28	215
Tub. Meng. and Acute Hydroceph. ..	76	14	12	18	25	3	2	2	..	15
Other Tuberculous Diseases ..	164	39	28	27	28	12	17	12	1	50
Rheumatic Fever ..	15	..	..	1	2	5	5	1	1	7
Acute and Sub-Acute Rheumatism ..	18	..	..	..	4	6	2	6	..	2
Cancer, malignant disease..	525	..	..	..	1	6	79	264	175	156
Meningitis ..	101	18	13	20	7	4	5	8	26	40
Heart disease ..	646	1	..	..	18	34	90	273	230	112
Bronchitis ..	647	104	37	11	7	6	35	163	284	41
Broncho-pneumonia ..	288	110	72	43	7	1	12	22	21	22
Pneumonia (all other forms) ..	297	32	18	27	10	15	63	92	40	56
Other diseases of Respiratory organs ..	104	4	2	4	4	5	19	39	27	49
Diarrhoea ..	274	188	51	13	2	1	4	5	10	5
Enteritis ..	126	84	16	12	..	..	2	8	4	7
Appendicitis and Typhlitis ..	12	..	..	..	4	3	4	..	1	25
Alcoholism ..	18	..	..	..	..	..	5	12	1	7
Cirrhosis of Liver ..	48	..	..	..	..	..	5	34	9	8
Nephritis and Bright's disease ..	215	..	3	2	4	5	56	90	55	33
Puerperal Fever ..	13	..	..	..	..	5	8	..	..	10
Other accidents and diseases of Pregnancy and Parturition ..	48	..	..	..	..	7	41	..	..	20
Congenital Debility and Malformation including Premature Birth ..	482	452	24	5	..	1	..	..	..	82
Violent deaths excluding Suicide ..	211	24	6	21	19	12	48	43	38	132
Suicides ..	53	..	..	..	..	6	23	20	4	6
Other Defined Diseases ..	1887	325	43	21	42	37	150	430	839	457
Diseases ill-defined or unknown ..	..	..	..	..	..	..	..	..	..	..
	7237	1469	419	344	265	292	946	1684	1818	1657

Cols. 2 to 10 include deaths known to us of persons belonging to Leeds, whether dying inside or outside the City. They also include tramps dying in the City. Col. 11 includes all deaths occurring in institutions within the City, including tramps, but not the 58 deaths of Leeds persons in the Hunslet Workhouse, outside the district. These 58 deaths are included in cols. 2 to 10. See note, table 17 a.



TABLE 17a.

Deaths included in Table 17 of Leeds people who died outside Leeds.

1	2	3	4	5	6	7	8	9	10	11
CAUSES OF DEATH.	Deaths at the subjoined ages of 'Residents' occurring without the District.									Total deaths of Leeds persons in Institutions outside the district other than the Hunslet Work- house.
	All Ages.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and up- wards	
Certified .. ..	229	6	1	3	11	10	65	65	68	..
Uncertified .. ..	..	..	..	..	..	..	..	..	..	..
Enteric Fever .. ..	1	..	..	..	..	..	1	..	..	1
Smallpox .. ..	..	..	..	..	..	..	..	..	..	..
Measles .. ..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever .. ..	..	..	..	..	..	..	..	..	..	..
Whooping Cough .. ..	1	1	..	..	..	..	..	..	..	..
Diphtheria and Croup .. ..	1	..	..	..	1	..	..	..	..	..
Influenza .. ..	2	1	..	..	..	..	..	..	1	1
Erysipelas .. ..	..	..	..	..	..	..	..	..	..	..
Phthisis (Pulmonary Tuberculosis) .. ..	26	..	..	..	1	5	10	8	2	20
Tub. Meng. and Acute Hydroceph. .. ..	1	..	..	1	..	..	..	..	..	1
Other Tuberculous Diseases .. ..	4	..	..	..	2	1	..	1	..	4
Rheumatic Fever .. ..	..	..	..	..	..	..	..	..	..	..
Acute and Sub-Acute Rheumatism .. ..	..	..	..	..	..	..	..	..	..	..
Cancer, malignant disease.. ..	16	..	..	..	..	..	5	4	7	13
Meningitis .. ..	..	..	..	..	..	..	..	..	..	..
Heart disease .. ..	28	1	..	..	1	1	4	9	12	19
Bronchitis .. ..	2	..	..	1	..	..	..	1	..	1
Broncho-pneumonia .. ..	2	..	..	..	..	..	1	1	..	2
Pneumonia (all other forms) .. ..	9	1	..	..	1	..	2	4	1	5
Other diseases of Respiratory organs .. ..	2	..	..	..	..	..	..	1	1	1
Diarrhoea .. ..	10	1	1	..	..	..	3	2	3	9
Enteritis .. ..	..	..	..	..	..	..	..	..	..	..
Appendicitis and Typhlitis .. ..	..	..	..	..	..	..	..	..	..	..
Alcoholism .. ..	1	..	..	..	..	..	..	1	..	..
Cirrhosis of Liver .. ..	..	..	..	..	..	..	..	..	..	..
Nephritis and Bright's disease .. ..	13	..	..	..	1	..	3	5	4	11
Puerperal Fever .. ..	..	..	..	..	..	..	..	..	..	..
Other accidents and diseases of Preg- nancy and Partur- ition .. ..	..	..	..	..	..	..	..	..	..	..
Congenital Debility and Malformation including Prema- ture Birth .. ..	..	..	..	..	..	..	..	..	..	..
Violent deaths excluding Suicide .. ..	12	..	..	1	3	1	5	2	..	2
Suicides .. ..	3	..	..	..	..	..	1	2	..	1
Other Defined Diseases Diseases ill-defined or unknown .. ..	95	1	..	..	1	2	30	24	37	84
	229	6	1	3	11	10	65	65	68	175

The deaths of Leeds people occurring outside the City, will be found in cols. 2 to 10, already included in table 17. Col. 11, however, again excludes deaths in the Leeds institution outside the City—the 58 already mentioned in foot-note to table 17.

Ages but not the diseases from which they died will be found at the foot of Table A, Part 2.

These deaths are not included in Table A, Part 1.

### TABLE 18.

Cases of Infectious diseases notified during the year 1913.  
Cases notified in whole district.

Notifiable disease.	All ages.	Under 1 year	1-2	2-3	3-4	4-5	1-5	5-10	10-15	5-15	15-20	20-25	15-25
Small-pox	I.	..	..	..	..	..	..	..	..	..	..	..	..
	II.	..	..	..	..	..	..	..	..	..	..	..	..
	III.	..	..	..	..	..	..	..	..	..	..	..	..
	IV.	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera	I.	..	..	..	..	..	..	..	..	..	..	..	..
	II.	..	..	..	..	..	..	..	..	..	..	..	..
	III.	..	..	..	..	..	..	..	..	..	..	..	..
	IV.	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria	I.	191	1	6	8	15	24	53	71	28	99	12	20
	II.	221	2	9	9	19	13	50	72	50	122	12	29
	III.	207	5	6	17	14	14	51	78	25	103	20	29
	IV.	251	4	10	15	9	22	56	84	40	124	24	47
Totals	..	870	12	31	49	57	73	210	305	143	448	68	125
Memb. Croup	I.	1	..	..	..	..	..	..	1	..	1	..	..
	II.	2	..	..	..	..	..	..	2	..	2	..	..
	III.	3	..	1	1	..	..	2	1	..	1	..	..
	IV.	4	..	..	2	..	1	3	1	..	1	..	..
Totals	..	10	..	1	3	..	1	5	5	..	5	..	..
Erysipelas	I.	106	..	1	1	2	1	5	2	1	3	13	2
	II.	73	1	2	..	..	..	2	2	2	4	3	6
	III.	88	1	1	..	..	1	2	2	1	3	9	18
	IV.	118	4	..	..	..	1	1	7	8	15	9	15
Totals	..	385	6	4	1	2	3	10	13	12	25	34	54
Scarlet fever	I.	289	5	8	16	23	29	76	118	56	174	15	23
	II.	323	1	7	15	27	23	72	140	57	197	28	41
	III.	314	1	4	11	20	32	67	131	75	206	23	33
	IV.	385	1	10	14	30	28	82	167	90	257	23	31
Totals	..	1311	8	29	56	100	112	297	556	278	834	89	128
Typhus fever	I.	..	..	..	..	..	..	..	..	..	..	..	..
	II.	..	..	..	..	..	..	..	..	..	..	..	..
	III.	..	..	..	..	..	..	..	..	..	..	..	..
	IV.	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric fever	I.	13	..	..	..	..	..	..	1	1	1	3	4
	II.	15	..	..	..	..	..	..	1	1	1	..	2
	III.	16	..	..	..	1	..	1	..	1	3	1	4
	IV.	41	..	..	..	..	1	1	3	4	7	6	11
Totals	..	85	..	..	..	1	1	2	3	7	10	11	21
Relapsing fever.	I.	..	..	..	..	..	..	..	..	..	..	..	..
	II.	..	..	..	..	..	..	..	..	..	..	..	..
	III.	..	..	..	..	..	..	..	..	..	..	..	..
	IV.	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..
Continued fever	I.	..	..	..	..	..	..	..	..	..	..	..	..
	II.	..	..	..	..	..	..	..	..	..	..	..	..
	III.	..	..	..	..	..	..	..	..	..	..	..	..
	IV.	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal fever	I.	9	..	..	..	..	..	..	..	..	2	2	4
	II.	14	..	..	..	..	..	..	..	..	..	5	5
	III.	9	..	..	..	..	..	..	..	..	3	1	4
	IV.	9	..	..	..	..	..	..	..	..	..	2	3
Totals	..	41	..	..	..	..	..	..	..	..	5	11	16
Plague	I.	..	..	..	..	..	..	..	..	..	..	..	..
	II.	..	..	..	..	..	..	..	..	..	..	..	..
	III.	..	..	..	..	..	..	..	..	..	..	..	..
	IV.	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..



TABLE 18—continued.

**Cases of infectious diseases notified during the year 1913.**

Cases notified in whole district.

Notifiable disease.	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	70-75	75-80	80-85	85-90	90-95	95-100	65 up-wds.
Small-pox	I. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	II. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	III. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	IV. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera	I. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	II. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	III. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	IV. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria	I. 8	2	3	3	16	2	..	..	2	..	..	..	..	..	..	..
	II. 8	4	..	2	14	3	1	..	4	..	..	..	..	..	..	..
	III. 7	4	5	3	19	..	..	..	..	..	..	..	..	..	..	..
	IV. 7	3	6	3	19	1	..	..	1	..	..	..	..	..	..	..
Totals	30	13	14	11	68	6	1	..	7	..	..	..	..	..	..	..
Memb. Croup	I. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	II. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	III. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	IV. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas	I. 8	9	11	8	36	12	11	3	11	37	5	2	3	..	..	10
	II. 6	8	6	4	24	9	9	4	7	29	3	1	3	..	..	7
	III. 8	6	4	11	29	8	5	6	6	25	3	4	1	2	..	10
	IV. 10	3	7	7	27	12	12	14	5	43	5	4	2	1	..	13
Totals	32	26	28	20	116	41	37	27	29	134	16	11	9	3	1	40
Scarlet fever	I. 4	4	3	..	11	..	..	..	..	..	..	..	..	..	..	..
	II. 6	5	..	1	12	..	..	..	..	..	..	..	..	..	..	..
	III. 5	1	..	..	6	1	..	..	1	..	..	..	..	..	..	..
	IV. 5	4	1	4	14	..	..	..	..	..	..	..	..	..	..	..
Totals	20	14	4	5	43	1	..	..	1	..	..	..	..	..	..	..
Typhus fever	I. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	II. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	III. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	IV. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric fever	I. 1	2	3	..	6	..	..	2	..	2	..	..	..	..	..	..
	II. 2	4	1	..	7	2	..	1	1	4	1	..	..	..	..	1
	III. ..	3	2	1	6	1	1	..	..	2	1	..	1	..	..	2
	IV. 5	5	2	5	17	3	..	..	2	5	..	..	..	..	..	..
Totals	8	14	8	6	36	6	1	3	3	13	2	..	1	..	..	3
Relapsing fever.	I. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	II. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	III. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	IV. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Continued fever	I. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	II. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	III. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	IV. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal fever	I. 1	3	..	1	5	..	..	..	..	..	..	..	..	..	..	..
	II. 5	1	1	1	8	1	..	..	1	..	..	..	..	..	..	..
	III. 1	1	2	..	4	..	1	..	1	..	..	..	..	..	..	..
	IV. 2	2	2	..	6	..	..	..	..	..	..	..	..	..	..	..
Totals	9	7	5	2	23	1	1	..	2	..	..	..	..	..	..	..
Plague	I. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	II. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	III. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	IV. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..



**TABLE 19.**

Table shewing deaths in the four quarters of 1913, for each Municipal Ward, with the estimated population and the death-rate of the ward for the Year.

MUNICIPAL WARDS.	Population, estimated to middle of 1913.	First quarter, 1913.	Second quarter, 1913.	Third quarter, 1913.	Fourth quarter, 1913.*	Fifty- three weeks.	Death- rate.
Central ... ..	12,947	64	58	52	57	231	17.56
North ... ..	42,736	170	124	144	145	583	13.43
North-East ... ..	37,954	176	135	110	146	567	14.71
New Ward ... ..	7,772	18	17	14	22	71	8.99
East ... ..	36,235	237	163	135	153	688	18.69
South ... ..	11,967	77	74	71	62	284	23.37
East Hunslet ...	33,589	154	142	171	133	600	17.59
West Hunslet ...	37,323	144	128	126	120	518	13.66
Holbeck ... ..	30,113	135	120	124	116	495	16.18
Mill Hill ... ..	5,405	29	18	18	15	80	14.57
West ... ..	19,747	103	86	98	82	369	18.40
North-West... ..	30,169	107	104	107	118	436	14.23
Brunswick ... ..	23,298	80	76	81	86	323	13.65
New Wortley ...	16,230	78	80	89	82	329	19.96
Armley & Wortley	37,701	150	136	124	105	515	13.45
Bramley ... ..	24,485	79	90	61	72	302	12.14
Headingley ... ..	42,624	185	172	98	149	604	11.98
No home ... ..	...	3	2	3	5	13	0.03
Outsiders ... ..	...	75	63	71	72	281	0.60
Totals ... ..	457,295	2,064	1,788	1,697	1,740	7,289	15.69

\* The fourth quarter had 14 weeks.

**TABLE 20.**

Shewing the number of deaths from certain specific causes and groups of causes in the 53 weeks of 1913 in the Sub-registration Districts in the City of Leeds. All deaths in public institutions within the City of persons belonging to the City have been referred to the Sub-District to which they belonged.

	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Whooping-cough.	"Fever."	Diarrhoea.	All seven.	CROUP.		Phthisis.	Influenza and diseases of the air passages, other than consumption.	All causes.
									Membranous.	Other non-spasmodic.			
Leeds, North .. ..	..	10	..	7	6	6	26	55	..	1	73	152	906
,, North E. .. ..	..	10	2	17	10	2	24	65	..	..	56	134	638
,, West.. .. ..	..	5	5	9	21	1	22	63	..	..	78	175	885
,, South-E. .. ..	..	36	..	2	16	4	32	90	..	..	101	240	1008
Hunslet-with-Osmondthorpe .. ..	..	20	3	19	22	2	81	147	..	..	95	238	1211
Holbeck .. ..	..	21	3	14	13	1	35	87	..	..	38	103	597
Wortley and Farnley .. ..	..	3	1	9	3	..	32	48	..	1	41	178	886
Kirkstall-with-Meanwood .. ..	..	3	1	7	1	3	8	23	1	..	44	100	604
Bramley .. ..	..	..	..	1	1	..	4	6	..	..	23	50	260
No home .. ..	..	..	..	..	..	..	..	..	..	..	3	2	13
City of Leeds .. ..	..	108	15	85	93	19	264	584	1	2	552	1372	7008

One death from measles, 1 death from scarlet fever, 1 death from diphtheria, 1 death from whooping cough, 5 deaths from phthisis, 15 from influenza and diseases of the air-passages other than consumption, and 257 deaths from other causes, occurred in the City of persons not belonging to Leeds; on the other hand 229 deaths occurred during the year of Leeds persons in West Riding Asylums and other public institutions, outside the City. Of these, 1 death was from diphtheria, 1 from whooping cough, 1 from enteric fever, 10 deaths were from diarrhoea, 26 were from phthisis, 17 from the lung groups, and 173 from other causes not given in table.



TABLE 21.

Shewing the mortality of the Sub-Districts stated in deaths per 1,000 of the population as estimated to the middle of 1913.

		Small-pox.	Measles.	Scarlatina.	Diphtheria.	Whooping-cough.	"Fever."	Diarrhœa.	All seven.	CROUP.		Phthisis.	Influenza and diseases of the air-passages, other than consumption.	All causes.
										Membranous.	Other non-spasmodic.			
Leeds, North	.. ..	0·15	..	0·10	0·09	0·09	0·39	0·82	..	0·01	1·09	2·27	13·51	
,, North-E.	.. ..	0·22	0·04	0·37	0·22	0·04	0·52	1·40	..	..	1·21	2·89	13·74	
,, West..	.. ..	0·09	0·09	0·16	0·37	0·02	0·39	1·12	..	..	1·39	3·11	15·75	
,, South-E.	.. ..	0·68	..	0·04	0·30	0·08	0·60	1·69	..	..	1·90	4·51	18·94	
Hunslet-with-Osmondthorpe	.. ..	0·28	0·04	0·26	0·31	0·03	1·13	2·05	..	..	1·32	3·31	16·85	
Holbeck	.. ..	0·53	0·08	0·35	0·33	0·03	0·88	2·20	..	..	0·96	2·60	15·06	
Wortley and Farnley	.. ..	0·05	0·02	0·15	0·05	..	0·54	0·81	..	0·02	0·69	3·02	15·01	
Kirkstall-with-Meanwood	.. ..	0·06	0·02	0·14	0·02	0·06	0·16	0·46	0·02	..	0·87	1·98	11·98	
Bramley	.. ..	..	..	0·05	0·05	..	0·19	0·29	..	..	1·11	2·42	12·60	
No home	.. ..	..	..	..	..	..	..	..	..	..	..	..	..	
City of Leeds	.. ..	0·23	0·03	0·18	0·20	0·04	0·57	1·26	0·00	0·00	1·19	2·95	15·09	

One death from measles, 1 death from scarlet fever, 1 death from diphtheria, 1 death from whooping cough, 5 deaths from phthisis, 15 from influenza and diseases of the air-passages other than consumption, and 257 deaths from other causes not mentioned in the table, occurred in the City of persons not belonging to Leeds.



**TABLE 21 a.**  
**NORTH LEEDS.**

Shewing, for each year from 1890 to 1910 inclusive, the births registered, the birth-rate per thousand per annum, the deaths at all ages, and the death-rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1911.

The district was altered in 1910 and the three lines below the heavy line refer to the altered district for the whole years 1910, 1911 and 1912.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	60,436	2,345	38·2	1,495	24·4	387	165
1891	60,563	2,401	39·8	1,619	26·8	464	193
1892	60,564	2,405	39·8	1,355	22·4	422	175
1893	60,526	2,300	38·1	1,544	25·6	491	213
1894	60,456	2,310	38·3	1,273	21·1	398	172
1895	60,331	2,343	39·0	1,381	23·0	431	184
1896*	60,176	2,318	37·9	1,298	21·2	410	177
1897	59,997	2,338	39·1	1,436	24·0	456	195
1898	59,925	2,261	37·9	1,307	21·9	392	173
1899	59,658	2,234	37·6	1,260	21·2	356	159
1900	59,475	2,147	36·2	1,290	21·8	353	164
1901	59,008	2,096	35·6	1,324	22·5	394	188
1902*	57,915	2,100	35·7	1,161	19·7	325	155
1903	56,822	2,057	36·3	1,090	19·2	319	155
1904	55,729	1,875	33·8	1,149	20·7	356	190
1905	54,636	1,870	34·3	1,040	19·1	303	162
1906	53,543	1,758	32·9	1,010	18·9	281	160
1907	52,450	1,623	31·0	946	18·1	235	145
1908*	51,357	1,651	31·6	990	19·0	249	151
1909	50,264	1,461	29·2	869	17·3	190	130
1910	49,171	1,245	25·4	848	17·3	207	166
Average of years 1901 to 1910 ..	54,089	1,774	32·8	1,043	19·2	286	161
1910†	55,545	—	—	752	13·6	—	—
1911†	55,238	1,221	22·2	750	13·6	154	126
1912†	54,912	1,215	22·2	701	12·8	100	82
1913*‡	66,034	1,387	20·7	906	13·5	188	136

\* The years 1890, 1896, 1902, 1908, 1913, were 53 week years, all the others 52.

† District as altered in 1910. See note to 21 c.

‡ In October 1912, the whole of the Brunswick ward was added and the portion of the Central ward not previously in South East Reg. district removed to that Sub. district. The figures for 1913, refer to the district thus altered.

**TABLE 21 b.**  
**WEST LEEDS.**

Shewing, for each year from 1890 to 1910 inclusive, the births registered, the birth-rate per thousand per annum, the deaths at all ages, and the death-rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1911.

The district was altered in 1910 and the three lines below the heavy line refer to the altered district for the whole years 1910, 1911 and 1912.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	82,907	2,394	28·4	1,774	21·1	389	162
1891	83,558	2,417	29·0	1,726	20·7	445	184
1892	83,898	2,321	27·8	1,573	18·8	408	176
1893	84,157	2,270	27·1	1,735	20·7	453	200
1894	84,371	2,261	26·9	1,385	16·5	327	145
1895	84,519	2,166	25·7	1,675	19·9	436	201
1896*	84,545	2,253	26·2	1,534	17·9	387	172
1897	84,519	2,180	25·9	1,620	19·2	427	196
1898	84,415	2,339	27·8	1,683	20·0	439	188
1899	84,499	2,085	24·8	1,548	18·4	378	181
1900	84,455	2,214	26·3	1,662	19·7	427	193
1901	84,129	2,145	25·6	1,631	19·5	398	186
1902*	83,285	2,186	25·8	1,455	17·2	347	159
1903	82,441	1,994	24·3	1,332	16·2	304	152
1904	81,597	1,921	23·6	1,473	18·1	334	174
1905	80,753	1,905	23·7	1,290	16·0	285	150
1906	79,909	1,869	23·5	1,388	17·4	302	162
1907	79,065	1,809	23·0	1,328	16·9	220	122
1908*	78,221	1,975	24·9	1,312	16·5	247	125
1909	77,377	1,871	24·3	1,230	16·0	226	121
1910	76,533	2,056	27·0	1,202	15·8	230	112
Average of years 1901 to 1910	80,331	1,973	24·6	1,364	17·0	289	147
1910†	80,707	—	—	1,245	15·5	—	—
1911†	80,050	2,014	25·2	1,304	16·3	270	134
1912†	79,326	2,007	25·4	1,088	13·8	170	85
1913*‡	55,323	1,493	26·6	885	15·7	171	115

\* The years 1890, 1896, 1902, 1908, 1913, were 53 week years, all the others 52.

† District as altered in 1910. See note to 21 c.

‡ This was again altered in October 1912. The whole of the Brunswick ward has been excluded and added to the North district. The figures for 1913 refer to the district thus altered.



**TABLE 21c.**  
**SOUTH-EAST LEEDS.**

Shewing, for each year from 1890 to 1913 inclusive, the births registered, the birth-rate per thousand per annum, the deaths at all ages, and the death-rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1913.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	33,147	1,279	38·0	922	27·4	255	199
1891	33,363	1,241	37·3	1,063	32·0	293	236
1892	33,502	1,310	39·2	814	24·4	266	203
1893	33,629	1,208	36·0	1,022	30·5	307	254
1894	33,736	1,240	36·9	771	22·9	218	176
1895	33,865	1,180	35·0	836	24·8	269	228
1896*	33,942	1,146	33·2	834	24·2	213	186
1897	34,022	1,183	34·9	896	26·4	284	240
1898	34,104	1,222	36·0	850	25·0	282	231
1899	34,161	1,207	35·5	824	24·2	241	200
1900	34,235	1,221	35·8	876	25·7	284	233
1901	34,424	1,100	32·1	881	25·7	288	262
1902*	34,925	1,227	34·6	819	23·1	255	208
1903	35,426	1,258	35·6	801	22·7	233	185
1904	35,927	1,254	35·0	928	25·9	294	234
1905	36,428	1,235	34·0	771	21·2	251	203
1906	36,929	1,240	33·7	844	22·9	233	188
1907	37,430	1,211	32·5	804	21·6	213	176
1908*	37,931	1,220	31·7	871	22·6	248	203
1909	38,432	1,132	28·9	752	19·6	173	153
1910	38,933	1,121	28·9	837	21·6	192	171
1911	39,436	1,030	26·2	772	19·6	221	215
1912	40,005	1,037	26·0	754	18·9	163	157
Average of years 1903 to 1912 ..	37,688	1,174	31·2	813	21·6	222	189
1913*†	40,545	1,095	26·6	817	19·8	188	172
1913*‡	52,393	1,326	24·9	1,008	18·9	217	164

\* The years 1890, 1896, 1902, 1908, 1913, were 53 week years, all the others 52.

Births in workhouses have been ascribed to the districts in which they occurred. The deaths in workhouses and other public institutions have been transferred to the districts to which the patients belonged, those from outside the City having been entirely omitted. Deaths of Leeds people dying outside the City have not been added, as our information was generally insufficient to fix the district to which they should be referred. Information about such is to be found in table D, part 2, for the whole City and table A part 2.

† Returns for 1913 in the district as it was in 1890.

‡ Returns for 1913 in the district with which the rest of the Central ward has been added.



TABLE 21d.

## HUNSLET.

Shewing, for each year from 1890 to 1913 inclusive, the births registered, the birth-rate per thousand per annum, the deaths at all ages, and the death-rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1913.

The district was altered in 1910 and the four lines below the heavy line refer to the altered district for the whole years 1910, 1911, 1912 and 1913.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	57,042	2,127	36·7	1,393	24·0	410	193
1891	58,515	2,231	38·3	1,307	22·4	380	170
1892	59,734	2,187	36·7	1,177	19·8	393	180
1893	60,903	2,203	36·3	1,347	22·2	482	219
1894	62,105	2,171	35·1	1,046	16·9	328	151
1895	63,290	2,190	34·7	1,314	20·8	446	204
1896*	64,414	2,141	32·7	1,273	19·5	380	177
1897	64,894	2,292	35·4	1,215	18·8	436	190
1898	66,086	2,198	33·4	1,149	17·4	401	182
1899	67,241	2,271	33·9	1,264	18·9	432	190
1900	68,329	2,296	33·7	1,481	21·7	450	196
1901	69,082	2,401	34·9	1,347	19·6	461	192
1902*	69,156	2,340	33·3	1,287	18·3	411	176
1903	69,230	2,282	33·1	1,120	16·2	387	170
1904	69,304	2,264	32·8	1,344	19·5	408	180
1905	69,378	2,140	31·0	1,080	15·6	342	160
1906	69,452	2,143	31·0	1,244	18·0	375	175
1907	69,526	1,994	28·8	1,147	16·6	278	139
1908*	69,600	2,056	29·1	1,176	16·6	331	161
1909	69,674	1,861	26·8	1,073	15·5	252	135
1910	69,748	1,829	26·3	1,024	14·7	256	140
1911	69,822	1,774	25·5	1,124	16·2	296	167
1912	69,892	1,798	25·8	973	14·0	184	102
Average of years 1903 to 1912 ..	69,563	2,014	29·0	1,131	16·3	302	150
1913*	69,970	1,950	27·4	1,207	17·0	277	142

\* The years 1890, 1896, 1902, 1908, 1913, were 53 week years, all the others 52.

## HUNSLET WITH OSMONDTHORPE.

1910†	70,423	1,841	26·2	1,030	14·7	256	139
1911†	70,533	1,785	25·4	1,133	16·1	298	167
1912†	70,386	1,813	25·8	987	14·0	187	103
1913†	70,751	1,965	27·3	1,211	16·9	277	141

† Altered district.

**TABLE 21 e.**  
**HOLBECK.**

Shewing, for each year from 1890 to 1913 inclusive, the births registered, the birth-rate per thousand per annum, the deaths at all ages, and the death-rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1913.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	23,168	798	33·9	568	24·1	145	182
1891	23,818	800	33·7	537	22·6	134	168
1892	24,410	837	34·4	522	21·5	133	159
1893	25,266	806	32·0	563	22·4	164	203
1894	26,035	866	33·4	497	19·2	163	188
1895	26,860	916	34·2	587	21·9	187	204
1896*	27,642	913	32·5	544	19·4	155	170
1897	29,026	997	34·5	602	20·8	213	214
1898	29,759	1,008	34·0	584	19·7	202	200
1899	30,425	1,063	35·1	674	22·2	180	169
1900	31,074	1,069	34·5	640	20·7	208	195
1901	31,722	1,055	33·4	679	21·5	221	209
1902*	32,324	1,106	33·7	589	17·9	187	169
1903	32,926	1,103	33·6	609	18·6	191	173
1904	33,528	1,108	33·2	630	18·9	197	178
1905	34,130	1,075	31·6	594	17·5	158	147
1906	34,732	1,007	29·1	595	17·2	185	184
1907	35,334	1,055	30·0	537	15·2	141	134
1908*	35,936	1,029	28·2	637	17·5	139	135
1909	36,538	1,004	27·6	544	14·9	118	118
1910	37,140	1,004	27·1	564	15·2	157	156
1911	37,742	925	24·6	658	17·5	164	177
1912	38,385	942	24·6	552	14·4	109	116
Average of years 1903 to 1912 ..	35,639	1,025	28·8	592	16·6	156	152
1913*	39,029	977	24·6	597	15·1	130	133

\* The years 1890, 1896, 1902, 1908, 1913, were 53 week years, all the others 52.

Births in workhouses have been ascribed to the districts in which they occurred. The deaths in workhouses and other public institutions have been transferred to the districts to which the patients belonged, those from outside the City having been entirely omitted. Deaths of Leeds people dying outside the City have not been added, as our information was generally insufficient to fix the district to which they should be referred. Information about such is to be found in table D, part 2, for the whole City and table A part 2.



**TABLE 21 f.**  
**WORTLEY.**

Shewing, for each year from 1890 to 1913 inclusive, the births registered, the birth-rate per thousand per annum, the deaths at all ages, and the death-rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1913.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	48,631	1,699	34·4	1,015	20·5	277	163
1891	49,722	1,658	33·5	1,070	21·6	271	163
1892	50,815	1,683	33·2	954	18·8	279	166
1893	51,868	1,658	32·1	996	19·3	319	192
1894	52,943	1,702	32·3	925	17·5	274	161
1895	54,004	1,662	30·9	1,054	19·6	311	187
1896*	55,008	1,723	30·8	950	17·0	316	183
1897	55,969	1,765	31·6	1,028	18·4	299	169
1898	56,948	1,755	30·9	1,108	19·5	325	185
1899	57,916	1,777	30·8	1,108	19·2	338	190
1900	58,870	1,805	30·8	1,143	19·5	309	171
1901	59,304	1,790	30·3	1,045	17·7	315	176
1902*	59,207	1,863	31·0	1,049	17·4	317	170
1903	59,110	1,760	29·9	1,010	17·1	269	153
1904	59,013	1,666	28·3	1,100	18·7	292	175
1905	58,916	1,653	28·2	943	16·1	245	148
1906	58,819	1,616	27·6	917	15·6	225	139
1907	58,722	1,509	25·8	974	16·6	206	137
1908*	58,625	1,497	25·1	948	15·9	189	126
1909	58,528	1,356	23·2	845	14·5	175	129
1910	58,431	1,277	21·9	827	14·2	186	146
1911	58,332	1,293	22·2	928	16·0	211	163
1912	58,210	1,200	20·7	773	13·3	115	96
Average of years 1903 to 1912 ..	58,671	1,483	25·3	927	15·8	211	143
1913*	58,104	1,316	22·3	886	15·0	198	150

\* The years 1890, 1896, 1902, 1908, 1913, were 53 week years, all the others 52.

Births in workhouses have been ascribed to the districts in which they occurred. The deaths in workhouses and other public institutions have been transferred to the districts to which the patients belonged, those from outside the City having been entirely omitted. Deaths of Leeds people dying outside the City have not been added, as our information was generally insufficient to fix the district to which they should be referred. Information about such is to be found in table D, part 2, for the whole City and table A part 2.



**TABLE 21 g.**  
**KIRKSTALL.**

Shewing, for each year from 1890 to 1910 inclusive, the births registered, the birth-rate per thousand per annum, the deaths at all ages, and the death-rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1911.

The district was altered in 1910 and the four lines below the heavy line refer to the altered district for the whole years 1910, 1911, 1912 and 1913.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	29,307	923	31·0	543	18·2	147	159
1891	30,243	908	30·1	517	17·2	125	138
1892	31,538	926	29·5	420	13·4	98	106
1893	32,787	994	30·4	605	18·5	177	178
1894	34,063	946	27·9	471	13·9	120	127
1895	35,326	1,039	29·5	561	15·9	179	172
1896*	36,510	1,040	28·0	537	14·5	118	113
1897	37,639	1,026	27·4	576	15·4	153	149
1898	38,779	1,081	28·0	548	14·2	159	147
1899	39,875	1,067	26·9	602	15·1	148	139
1900	40,889	1,085	26·6	661	16·2	191	176
1901	41,683	1,027	24·7	535	12·9	148	144
1902*	42,170	1,098	25·6	560	13·1	112	102
1903	42,657	1,101	25·9	526	12·4	124	113
1904	43,144	1,069	24·9	551	12·8	143	134
1905	43,631	981	22·6	511	11·8	119	121
1906	44,118	1,020	23·2	513	11·7	99	97
1907	44,605	962	21·6	556	12·5	81	84
1908*	45,092	999	21·8	542	11·8	100	100
1909	45,579	944	20·8	525	11·6	84	89
1910	46,066	912	19·9	500	10·9	84	92
Average of years 1901 to 1910 ..	43,874	1,011	23·0	532	12·1	109	108
1910†	47,889	—	—	521	10·9	—	—
1911†	48,441	1,019	21·1	587	12·2	116	114
1912†	49,033	923	18·9	520	10·6	62	67
1913†	49,624	1,012	20·1	604	12·0	113	112

\* The years 1890, 1896, 1902, 1908, 1913, were 53 week years, all the others 52.

† District as altered in 1910. See note to 21c.

**TABLE 21 h.**  
**BRAMLEY.**

Shewing, for each year from 1890 to 1913 inclusive, the births registered, the birth-rate per thousand per annum, the deaths at all ages, and the death-rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1913.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	14,526	453	30·7	338	22·9	78	172
1891	14,867	497	33·5	260	17·5	50	101
1892	15,203	460	30·4	256	16·9	60	130
1893	15,515	462	29·9	312	20·2	89	193
1894	15,820	506	32·1	215	13·6	66	130
1895	16,109	468	29·2	273	17·0	70	150
1896*	16,351	481	29·0	280	16·9	82	170
1897	16,568	483	29·3	273	16·5	71	147
1898	16,798	444	26·5	298	17·8	85	191
1899	17,003	496	29·3	315	18·6	56	113
1900	17,188	449	26·2	262	15·3	66	147
1901	17,360	479	27·7	256	14·8	78	163
1902*	17,603	456	25·5	274	15·3	59	129
1903	17,846	491	27·6	259	14·6	56	114
1904	18,089	470	26·1	290	16·1	68	145
1905	18,332	459	25·1	246	13·5	47	102
1906	18,575	465	25·1	233	12·6	44	95
1907	18,818	458	24·4	260	13·9	58	127
1908*	19,061	476	24·6	276	14·3	36	76
1909	19,304	405	21·1	278	14·5	40	99
1910	19,547	390	20·0	228	11·7	35	90
1911	19,791	416	21·1	291	14·8	48	115
1912	20,051	356	17·8	216	10·8	27	76
Average of years 1903 to 1912 ..	18,941	439	23·2	258	13·6	46	105
1913*	20,311	392	19·0	260	12·6	38	97

\* The years 1890, 1896, 1902, 1908, 1913, were 53 week years, all the others 52.

Births in workhouses have been ascribed to the districts in which they occurred. The deaths in workhouses and other public institutions have been transferred to the districts to which the patients belonged, those from outside the City having been entirely omitted. Deaths of Leeds people dying outside the City have not been added, as our information was generally insufficient to fix the district to which they should be referred. Information about such is to be found in table D, part 2, for the whole City and table A part 2.



**TABLE 21 i.**  
**CHAPELTOWN.**

Shewing, for each year from 1890 to 1910 inclusive, the births registered, the birth-rate per thousand per annum, the deaths at all ages, and the death-rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1911. The district was altered in 1910 and the three lines below the heavy line refer to the altered district for the whole years 1910, 1911 and 1912.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	13,420	308	22·6	185	13·6	32	104
1891	13,956	373	26·8	180	12·9	50	134
1892	14,994	403	27·0	201	13·4	49	122
1893	16,089	438	27·3	234	14·6	55	126
1894	17,319	488	28·3	203	11·8	47	96
1895	18,677	500	26·9	250	13·4	49	98
1896*	20,546	552	26·4	261	12·5	56	101
1897	22,686	638	28·2	321	14·2	106	166
1898	24,690	654	26·6	314	12·8	82	125
1899	26,936	735	27·4	322	12·0	82	112
1900	29,524	802	27·3	416	14·1	98	122
1901	32,284	796	24·7	409	12·7	114	143
1902*	34,039	860	24·9	403	11·7	89	103
1903	35,794	941	26·4	396	11·1	100	106
1904	37,549	930	24·9	454	12·1	106	114
1905	39,304	1,016	25·9	465	11·9	113	111
1906	41,059	964	23·6	471	11·5	82	85
1907	42,814	1,046	24·5	480	11·2	89	85
1908*	44,569	1,098	24·3	547	12·1	111	101
1909	46,324	952	20·6	534	11·6	85	89
1910	48,079	1,021	21·3	526	11·0	86	84
Average of years 1901 to 1910 ..	40,181	962	23·9	469	11·7	98	101

This district has now ceased to exist.

### NORTH-EAST. (New district)

consists of the whole of the North-East Ward. Excludes the parts of Chapel-town sub-district in the North, Brunswick, North-West (Ridge), and Headingley (Meanwood) Wards. See table 22.

1910	35,704	—	—	558	15·7	—	—
1911	36,420	894	24·6	682	18·8	190	213
1912	37,186	874	23·6	525	14·2	115	132
1913*	37,954	970	25·2	567	14·7	127	131
1913*	7,772	109	13·8	71	9·0	4	37

\*The years 1890, 1896, 1902, 1908, 1913, were 53 week years, all the others 52.

For 1913 the return has been divided into two, that in what was before the new district within the old Leeds boundary, and below it, the part in the New ward.



**TABLE 21 k.**  
**OSMONDTHORPE.**

Shewing for each year from 1890 to 1913 inclusive the births registered, the birth-rate per thousand per annum the deaths at all ages, and the death-rate per thousand living, the deaths under one year of age and the ratio to the thousand births in the same period. Shewing also the average in these respects of the ten years previous to 1913. The district was added to Hunslet in 1910.

YEAR.	Population estimated to middle of each year.	Births registered.	Birth rate per 1,000 per annum.	Deaths at all ages.	Death rate per 1,000 per annum.	Deaths under one year.	Death rate under one year per 1,000 births registered.
1890*	434	10	22·7	5	11·3	1	100
1891	429	12	28·1	6	14·0	..	..
1892	423	14	33·2	2	4·7	..	..
1893	417	9	21·7	7	16·8	1	111
1894	411	12	29·3	7	17·1	1	83
1895	406	14	34·6	3	7·4	1	71
1896*	401	6	14·7	10	24·6	2	333
1897	396	10	25·3	6	15·2	2	200
1898	391	9	23·1	13	33·4	2	222
1899	387	4	10·4	7	18·1	1	250
1900	383	3	7·9	4	10·5	1	333
1901	387	9	23·3	5	13·0	..	..
1902*	419	9	21·1	6	14·1	4	444
1903	451	9	20·0	7	15·6	2	222
1904	483	4	8·3	4	8·3	..	..
1905	515	3	5·8	6	11·7	..	..
1906	547	11	20·2	7	12·8	2	182
1907	579	11	19·1	7	12·1	2	182
1908*	611	6	9·7	7	11·3	2	333
1909	643	16	25·0	10	15·6	..	..
1910	675	12	17·8	6	8·9	..	..
1911	711	11	15·5	9	12·7	2	182
1912	746	15	20·2	14	18·8	3	200
Average of years 1903 to 1912 ..	596	10	16·5	8	12·9	1	133
1913*	781	15	18·9	4	5·0	..	..

\* The years 1890, 1896, 1902, 1908, 1913, were 53 week years, all the others 52.

Births in workhouses have been ascribed to the districts in which they occurred. The deaths in workhouses and other public institutions have been transferred to the districts to which the patients belonged, those from outside the City having been entirely omitted. Deaths of Leeds people dying outside the City have not been added, as our information was generally insufficient to fix the district to which they should be referred. Information about such is to be found in table D, part 2, for the whole City and table A part 2. See also table 21 d.

**TABLE 22** (altered).

Table showing deaths from all causes at all ages, and death rates at all ages in the intercepts of the wards and new townships of Leeds for the year 1913 (53 weeks).

Present Registration Areas.	Portions of Wards Intercepted.	Deaths, 1913.	Death rate per thousand.
HOLBECK ... ..	Holbeck ... ..	495	16.18
	West Hunslet ... ..	99	11.06
	East Hunslet* ... ..	3	27.17
HUNSLET ... ..	West Hunslet ... ..	419	14.47
	East Hunslet ... ..	597	17.55
	South ... ..	191	23.58
	East (Osmondthorpe)... ..	4	5.04
SOUTH-EAST LEEDS	East ... ..	684	18.99
	Central ... ..	40	35.82
	South ... ..	93	22.94
	Central (Old North) ... ..	191	15.87
NORTH-EAST ... ..	North-east ... ..	383	20.86
	North-east (Potternewton) ... ..	184	9.11
	Roundhay ... ..	27	9.58
	Seacroft ... ..	14	7.77
	Shadwell ... ..	10	7.96
	Crossgates ... ..	20	9.90
NORTH LEEDS ... ..	North { Pott. } { C. A. }      10.55 {	201	10.03
		86	12.01
	North ... ..	296	18.25
	Brunswick (Potternewton) ... ..	57	11.56
	Brunswick .. ..	266	14.20
WORTLEY ... ..	New Wortley ... ..	329	19.96
	Armley ... ..	390	13.70
	Wortley ... ..	125	12.72
	Farnley ... ..	42	9.91
BRAMLEY ... ..	Bramley ... ..	260	12.60
KIRKSTALL ... ..	Kirkstall ... ..	69	13.84
	Burley ... ..	351	12.56
	Headingley ... ..	158	10.24
	Meanwood ... ..	26	12.66
WEST ... ..	North-west ... ..	435	14.23
	North-west (Ridge) ... ..	1	13.15
	Mill Hill ... ..	80	14.57
	West ... ..	369	18.40
CITY ... ..	... ..	6,995	15.06
	No home ... ..	13	0.03
	Outsiders dying in Leeds ... ..	281	0.60
	Leeds people dying away (see tables 17 and 17a) ... ..	229	0.49

\* The population of the part of East Hunslet in the Holbeck district is only 109. If the 3 deaths be added to the 597 in the Hunslet part of the ward it does not alter the rate of that part to one place of decimals.

In October, 1912, the whole of the Brunswick ward was transferred from the West Leeds registration district to the North Leeds registration district, and the portion of the Central ward (North of Kirkgate) from the North registration district to the South-East registration district.



TABLE 25.

Shewing case-houses examined on account of certain diseases heard of during 1913, and some of the conditions found as to drainage and closet arrangements.

		1	2	3	4	5	6	7	8	9	10					
		Drains severed.														
		Water-closet.										53 weeks, 1913.				
		Inside.				Outside.		T. W. C.		M. or P.						
		F. V.		not F. V.												
		def.	not	def.	not	def.	not	def.	not	def.	not.					
Through	...	...	...	...	...	...	...	...	...	...	...	}	1. Smallpox	...	...	...
Back-to-back	...	...	...	...	...	...	...	...	...	...	...					
Through	...	12	182	...	...	9	160	...	13	1	22	}	2. Scarlet fever	...	...	...
Back-to-back	...	8	80	...	8	29	466	4	148	...	8					
Through	...	14	123	...	3	11	77	1	7	4	13	}	3. Diphtheria	...	...	...
Back-to-back	...	3	78	2	12	35	329	1	74	...	...					
Through	...	...	1	...	...	...	1	...	...	...	...	}	4. Membranous croup	...	...	...
Back-to-back	...	...	...	...	2	...	3	...	2	...	...					
Through	...	...	...	...	...	...	...	...	...	...	...	}	5. "Croup"	...	...	...
Back-to-back	...	...	...	...	...	...	1	...	1	...	...					
Through	...	...	...	...	...	...	...	...	...	...	...	}	6. Typhus fever	...	...	...
Back-to-back	...	...	...	...	...	...	...	...	...	...	...					
Through	...	...	7	...	2	1	8	...	1	...	1	}	7. Typhoid fever	...	...	...
Back-to-back	...	...	5	1	1	1	26	...	20	...	2					
Through	...	...	...	...	...	...	...	...	...	...	...	}	8. Continued fever	...	...	...
Back-to-back	...	...	...	...	...	...	...	...	...	...	...					
Through	...	...	32	...	...	...	46	...	9	...	7	}	9. Erysipelas	...	...	...
Back-to-back	...	...	22	...	5	...	152	...	49	...	1					
Through	...	...	4	...	...	...	4	...	1	...	1	}	10. Puerperal fever...	...	...	...
Back-to-back	...	1	2	...	...	...	14	...	4	...	...					
Through	...	...	2	...	...	...	4	...	1	...	...	}	11. Measles : death-houses	...	...	...
Back-to-back	...	...	2	...	1	...	45	...	36	...	...					
Through	...	...	...	...	...	...	2	...	...	...	...	}	12. Measles : recovery houses	...	...	...
Back-to-back	...	...	...	...	...	...	4	...	2	...	...					
Through	...	...	...	...	...	...	...	...	...	...	...	}	13. Measles : recoveries in death-houses	...	...	...
Back-to-back	...	...	...	...	...	...	...	...	...	...	...					
Through	...	...	7	...	1	...	20	...	8	...	3	}	14. Diarrhoea	...	...	...
Back-to-back	...	...	6	...	...	...	106	...	67	...	2					
Through	...	...	6	...	...	...	9	...	4	...	...	}	14a. Enteritis, Gastro Enteritis	...	...	...
Back-to-back	...	...	9	...	1	...	56	...	22	...	...					
Through	...	...	8	...	...	...	10	...	2	...	...	}	15. Phthisis : death-houses	...	...	...
Back-to-back	...	...	1	...	2	...	26	...	13	...	1					
Through	...	...	105	...	5	...	175	...	23	...	4	}	16. Phthisis : notified in life	...	...	...
Back-to-back	...	...	65	...	48	...	491	...	164	...	5					
Through	...	...	22	...	...	...	36	...	5	...	4	}	17. Broncho-pneumonia	...	...	...
Back-to-back	...	...	9	...	1	...	105	...	60	...	1					
Through	...	...	26	...	...	...	27	...	3	...	2	}	18. Pneumonia	...	...	...
Back-to-back	...	...	11	...	...	...	115	...	50	...	2					
Through	...	...	1	...	...	...	1	...	...	...	1	}	19. Pleuro-pneumonia	...	...	...
Back-to-back	...	...	...	...	...	...	3	...	...	...	...					
Through	...	...	3	...	...	...	3	...	...	...	...	}	20. Pleurisy...	...	...	...
Back-to-back	...	...	2	...	...	...	10	...	4	...	...					
Through	...	...	...	...	...	...	...	...	...	...	...	}	21. Laryngitis	...	...	...
Back-to-back	...	...	...	...	...	...	3	...	...	...	...					
Through	...	...	14	...	...	...	5	...	...	...	2	}	22. Influenza	...	...	...
Back-to-back	...	...	3	...	2	...	14	...	4	...	1					
Through	...	26	543	...	11	21	588	1	77	5	60					
Back-to-back	...	12	295	3	83	65	1969	5	720	...	23					
Both	...	38	838	3	94	86	2557	6	797	5	83					

TABLE 25.—Continued.

		1	2	3	4	5	6	7	8	9	10	11	Cases.		Total deaths in City.
		Drains not severed.											Alive.	Dead.	
		Water-closet.										No drain			
		Inside.				Outside.		T.W.C.		M. or P.					
		F.V.		not F.V.											
		def.	not	def.	not	def.	not	def.	not	def.	not				
1.	Through	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Back-to-back	...	...	...	...	...	...	...	...	...	...	...	...	...	
2.	Through	...	...	3	...	2	7	1	8	...	...	...	420	...	16
	Back-to-back	...	...	2	1	6	40	3	24	...	...	...	827	...	
3.	Through	...	...	1	...	3	5	1	1	...	3	...	267	...	86
	Back-to-back	...	...	1	...	5	24	1	21	...	...	...	586	...	
4.	Through	...	...	...	...	...	...	...	...	...	...	...	2	...	1
	Back-to-back	...	...	...	...	...	1	...	...	...	...	...	8	...	
5.	Through	...	...	...	...	...	...	...	...	...	...	...	...	...	2
	Back-to-back	...	...	...	...	...	...	...	...	...	...	...	...	2	
6.	Through	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Back-to-back	...	...	...	...	...	...	...	...	...	...	...	...	...	
7.	Through	...	...	...	...	...	...	...	...	...	...	...	19	1	18
	Back-to-back	...	...	...	...	...	2	...	4	...	...	...	60	2	
8.	Through	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	Back-to-back	...	...	...	...	...	...	...	...	...	...	...	...	...	
9.	Through	...	...	...	...	...	2	...	1	...	...	...	97	...	13
	Back-to-back	...	...	...	...	...	22	1	18	...	...	...	270	...	
10.	Through	...	...	...	...	...	1	...	...	...	...	...	8	3	14
	Back-to-back	...	...	1	...	...	2	...	4	...	...	1	27	2	
11.	Through	...	...	...	...	...	1	...	2	...	...	...	...	10	109
	Back-to-back	...	...	...	...	...	3	...	6	...	...	...	...	93	
12.	Through	...	...	...	...	...	...	...	...	...	...	...	2	...	.
	Back-to-back	...	...	...	...	...	...	...	...	...	...	...	6	...	
13.	Through	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Back-to-back	...	...	...	...	...	...	...	...	...	...	...	...	...	
14.	Through	...	...	1	...	...	2	...	1	...	...	...	...	43	264
	Back-to-back	...	...	...	...	...	20	...	19	...	...	1	...	221	
14a.	Through	...	...	...	...	...	1	...	...	...	...	...	...	20	128
	Back-to-back	...	...	...	...	...	6	...	8	...	...	1	...	103	
15.	Through	...	...	...	...	...	3	...	1	...	...	...	...	24	557
	Back-to-back	...	...	...	...	...	1	...	5	...	...	...	...	49	
16.	Through	...	...	4	1	...	5	...	5	...	1	...	328	...	..
	Back-to-back	...	...	1	3	...	102	...	80	...	2	2	963	...	
17.	Through	...	...	...	...	...	3	...	3	...	...	...	...	73	287
	Back-to-back	...	...	1	...	...	12	1	16	...	...	3	...	209	
18.	Through	...	...	...	...	...	3	...	...	...	...	...	...	61	287
	Back-to-back	...	...	...	1	...	13	...	14	...	...	...	...	206	
19.	Through	...	...	...	...	...	...	...	...	...	...	...	...	3	6
	Back-to-back	...	...	...	...	...	...	...	...	...	...	...	...	3	
20.	Through	...	...	...	...	...	...	...	...	...	...	...	...	6	23
	Back-to-back	...	...	...	...	...	1	...	...	...	...	...	...	17	
21.	Through	...	...	...	...	...	...	...	...	...	...	...	...	...	6
	Back-to-back	...	...	...	...	...	1	...	...	...	...	...	...	4	
22.	Through	...	...	...	...	...	1	...	...	...	...	...	...	22	51
	Back-to-back	...	...	...	...	...	3	...	1	...	...	...	...	28	
	Through	...	...	9	1	5	34	2	22	...	4	...	1143	266	...
	Back-to-back	...	...	6	5	11	253	6	220	...	2	8	2747	939	...
	Both	...	...	15	6	16	287	8	242	...	6	8	3890	1205	1741



### ADMINISTRATIVE WORK.

The work of the ordinary ward inspectors is given in a condensed form in table I., and in much more detail in table II. Tables III., IV. and V. are given as in former years. The two latter contain some of the work done by some of the women inspectors in regard to visiting workshops. Table IVa. is out of order in order to get the two pages to face one another. This also includes some of the work of certain of the women inspectors.

The table " Bakehouses " has never had a number, and has undergone a good deal of modification from time to time. The work is done by the ward inspectors, but a few special visits have been paid by my laboratory clerk. A very complete inspection of these bakehouses was made by the inspectors at the end of 1910 and the beginning of 1911. Special details were obtained by the ward inspectors as to sanitary surroundings in each case, especially as to closeness of buildings and neighbouring nuisances. A very complete and detailed list in regard to each bakehouse was made at the time, but it is too long to print. All those in which serious fault could be found were visited generally by the chief inspectors and myself.

TABLE I.

Table of Ward Inspectors' Work. Year 1913 (53 weeks).

		Quarters.				City	
		I.	II.	III.	IV.	Total	1913.
HOUSE INSPECTION.							
1.	Houses and premises	823	1021	974	1046	3864	3864
2.	completely exam-	232	248	284	284	1048	1048
3.	ined on account of	1356	1698	1602	1787	6443	6443
4.	Houses and premises	35	108	44	66	253	253
5.	examined	57	111	526	164	858	858
6.	only as to	454	414	374	335	1577	1577
7.	Number of houses wholly or partly examined	2957	3600	3804	3682	14043	14043
8.	Total number of above houses where sanitary defects were found	795	754	932	821	3302	3302
9.	Sanitary defects found in above houses	1086	1045	1191	1182	4504	4504
NUISANCES, &c.							
10.	Houses dirty	130	253	445	214	1042	1042
11.	overcrowded	41	59	61	48	209	209
12.	damp or dilapidated	178	238	138	278	832	832
13.	with defective eave-gutters or fall pipes	871	612	385	562	2430	2430
14.	badly drained	471	498	448	561	1978	1978
15.	without sink drain	10	13	12	15	50	50
16.	badly lighted	3	14	23	1	41	41
17.	badly ventilated	1	12	23	..	36	36
18.	(a) with insufficient closet accommodation	402	493	459	740	2154	2154
19.	(b) with insufficient ashpit accommodation	500	667	670	981	2818	2818
20.	with dirty closets	120	144	105	155	524	524
21.	with drains, &c., temporarily stopped	714	879	718	720	3031	3031
22.	with other nuisances	704	823	657	725	2909	2909
23.	Total nuisances found in houses	4205	4705	4144	5000	18054	18054
24.	No. of houses in which above nuisances were found	3736	3983	3614	4275	15608	15608
25.	Street gullies stopped	311	383	492	251	1437	1437
26.	Offensive accumulations	60	114	128	114	416	416
27.	Other outside nuisances	240	236	271	250	997	997
28.	Total nuisances found	4816	5438	5035	5615	20904	20904
29.	Complaints unfounded	4	5	9	19	37	37
OTHER WORK DONE.							
29.	Additional	2199	1717	1204	3229	8349	8349
30.	visits	3245	3516	3389	4032	14182	14182
31.	paid to houses	69	81	88	58	296	296
32.	for	636	851	720	903	3110	3110
OTHER WORK DONE (continued).							
33.	Special examinations of drains by tests	2638	3331	2958	3195	12122	12122
34.	Defects found by ditto	588	674	517	595	2374	2374
37.	Appointments	77	77	86	111	351	351
38.	Notices and letters served	7	1	11	9	28	28
39.	Dwelling houses unfit for human habitation closed	..	7	2	9	18	18
40.	Dwelling houses rendered fit for human habitation	..	26	5	12	43	43
41.	Houses cleansed	138	196	207	289	830	830
42.	Overcrowded houses dealt with	32	40	44	50	166	166
43.	Defective spouting, &c., repaired	578	601	397	604	2180	2180
44.	Urinals cleansed or repaired	1	1	14	39	55	55
45.	Old middens privies repaired	..	..	..	..	..	..
46.	Ashpits repaired	29	30	68	135	262	262
48.	Privies converted into ordinary water closets	..	2	9	4	15	15
49.	Water closets erected (a) Outside (b) Inside	5	5	34	30	74	74
50.	New dry ashpits	..	..	..	..	..	..
51.	Ashbins provided	200	312	484	433	1429	1429
52.	Pail closets converted into water closets	4	..	..	..	4	4
53.	T.C.'s converted into ordinary outside W.C.'s	..	19	88	37	144	144
54.	Closets cleansed (lime-washed, &c.)	60	109	141	123	433	433
55.	Drains in course of construction inspected	78	60	308	63	509	509
56.	" of reconstruction	625	592	592	679	2488	2488
57.	" inspected when connection made to sewer	39	43	48	41	171	171
58.	Disconnections of house drains effected	712	682	834	676	2904	2904
59.	Cesspools filled up	2	1	3	1	7	7
60.	Public or private wells abolished	..	..	..	..	..	..
61.	Houses supplied with town's water	..	..	..	..	..	..
62.	Trough and water closets repaired	3	..	26	15	44	44
63.	Other house nuisances remedied	630	607	661	607	2505	2505
64.	Total houses for which above work done	1391	1773	1801	1804	6769	6769
65.	Houses in which all defects found have been remedied	3065	3554	3890	4084	14593	14593
66.	Street gullies cleansed	3063	3546	3881	4069	14559	14559
67.	Offensive accumulations removed	300	306	449	275	1330	1330
68.	Pollutions of river or streams remedied	41	71	97	83	292	292
69.	Other non-domestic nuisances removed	..	..	..	..	..	..
70.	Additional visits paid to inspect work in progress	140	136	148	106	530	530
71.	Total nuisances abated	2667	2716	2618	2574	10575	10575
		4268	4927	5538	5336	20069	20069



TABLE II.

Analysis of work done by District Inspectors in the several Wards, 1913.

53 weeks ended Jan. 3rd, 1914.										No. II Division. Population—112,992.					No. IV. Division. Population—121,443.									
No. I Division. Population—124,697.					No. II Division. Population—112,992.					No. III Division. Population—98,163.					No. IV. Division. Population—121,443.									
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**TABLE I** ■■■■■■■■■■

[illegible]

This table includes work done by four Works Inspectors and Yiddish Inspector.



**TABLE III.**

Shewing the number of drains or sources of pollution diverted from the River Aire and its tributaries and connected to the town sewers.

DATE.	Mills, factories, stables, and pig-styes.	Water- closets.	Privies.	Trade pollution.	Total.
Previous to 28th Decem- ber, 1912 .. ..	5,888	514	233	86	6,721
During the 53 weeks ended 3rd January, 1913 .. .. .	..	..	..	1	1
Total ..	5,888	514	233	87	6,722

**TABLE IV.**

Shewing the sanitary conditions at time of visit of workshops on register and occupied, during the 53 weeks ended January 3rd, 1914.

DATE  1913.	Visits to Workshops.	EMPLOYEES AT TIME OF VISIT.			VENTILA- TION.		CONDITION OF WORKSHOPS.				Workshops found closed.
		male.	female.	total.	good.	defec- tive.	rooms.		closets.		
							clean.	dirty.	clean.	dirty.	
5 weeks ended Feb. 1	45	272	181	453	45	..	37	8	33	12	9
4 weeks ended March 1	125	446	422	868	125	..	88	37	87	38	21
4 weeks ended „ 29	98	305	271	576	98	..	66	32	69	29	4
5 weeks ended May 3	96	385	470	855	96	..	74	22	77	19	18
4 weeks ended „ 31	90	383	386	769	88	2	76	14	72	18	9
4 weeks ended June 28	128	387	514	901	126	2	107	21	103	25	5
5 weeks ended Aug. 2	230	700	1,125	1,825	230	..	197	33	176	54	13
4 weeks ended „ 30	78	158	417	575	77	1	64	14	67	11	5
4 weeks ended Sept. 27	66	345	275	620	66	..	52	14	54	12	9
5 weeks ended Nov. 1	104	389	425	814	104	..	90	14	85	19	36
4 weeks ended „ 29	132	399	401	800	127	5	110	22	113	19	41
1914. 5 weeks ended Jan. 3	43	117	231	348	42	1	38	5	38	5	14
Total .. ..	1,235	4,286	5,118	9,404	1224	11	999	236	974	261	184

TABLE V.

Shewing workshops not previously visited to which visits have been paid during the year, and the sanitary arrangements at time of visit.

DATE  1913.	Workshops added to register.	DESCRIPTION OF DRAINAGE.			SITUATION OF CLOSETS.				Workshops found closed.
		cut off.	not cut off.	none.	inside.		outside.		
					w.c. soil-pipe carried up.	w.c. soil-pipe not car- ried up.	Water Closets.	Privies.	
5 weeks ended Feb. 1	18	10	2	6	5	..	13	..	2
4 weeks ended March 1	16	9	6	1	9	..	7	..	..
4 weeks ended     ,,   29	9	8	1	..	4	..	5	..	..
5 weeks ended May 3	18	9	4	5	9	..	9	..	3
4 weeks ended     ,,   31	18	8	3	7	6	..	12	..	3
4 weeks ended June 28	34	21	7	6	13	3	18	..	..
5 weeks ended Aug. 2	42	31	8	3	17	1	24	..	1
4 weeks ended     ,,   30	3	2	..	1	1	..	2	..	1
4 weeks ended Sept. 27	9	4	4	1	3	..	6	..	1
5 weeks ended Nov. 1	12	7	..	5	3	3	6	..	1
4 weeks ended     ,,   29	8	7	1	..	4	..	4	..	5
1914. 5 weeks ended Jan. 3	39	22	4	13	14	..	25	..	6
Total     ..     ..	226	138	40	48	88	7	131	..	32

For table Va. see page 86.



TABLE IVa.

Factories, Workshops, Laundries, Workplaces, and Homework.

1.—INSPECTION.

Including Visits and Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories .. .. . (Including Factory Laundries.)	1,222	122	..
Workshops .. .. . (Including Workshop Laundries.)	3,666	233	..
Workplaces .. .. .	459	16	..
Total .. .. .	5,347†	371	..

2.—DEFECTS FOUND.				
Particulars.	Number of Defects.			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspector.	
<i>Nuisances under the Public Health Acts :—*</i>				
Want of cleanliness .. ..	655	588	..	..
Want of ventilation .. ..	79	55	..	..
Overcrowding .. .. .	..	..	..	..
Want of drainage of floors ..	..	..	..	..
Other nuisances .. .. .	377	355	..	..
Sanitary accom- modation. { insufficient ..	30	21	..	..
{ unsuitable or defective ..	417	358	..	..
Sec. 22 in force. { not separate for sexes ..	16	12	..	..
<i>Offences under the Factory and Work- shop Act :—</i>				
Illegal occupation of underground bakehouse (S. 101) .. ..	14	1	..	..
Breach of special sanitary require- ments for bakehouses (SS. 97 to 100) .. .. .	38	37	..	..
Other offences .. .. .	..	..	..	..
Total .. .. .	1,626	1,427	..	..

\* Including those specified in Sections 2, 3, 7, and 8, of the Factory Act as remediable under the Public Health Acts.

† Exclusive of 2,365 visits to 973 bakehouses by ward inspectors, and 33 by laboratory clerk.

See special table of bakehouses.

**TABLE IVa**—*continued.*  
3, 4, 5.—OTHER MATTERS.

	Number of	
	Lists.	Outworkers.
Homework :—		
<i>List of Outworkers</i> (S. 107) :—		
(No homeworkers on our register except amongst those engaged in making wearing apparel) †	.. ..	C. W.
Lists received twice in the year	335	677 1,410
„ once in the year	29	47 77
Addresses of \ received from other Authorities	107	
outworkers } forwarded to other Authorities	3	
Notices to occupiers not sending lists	280	
Prosecutions..	..	
Inspection of Homeworkers' premises (see table Va.)	3,152	
<i>Homework in unwholesome premises</i> :—		
Instances	282	
Notices	282	
Prosecutions..	..	
<i>Homework in infected premises</i> :—		
Instances	15*	
Orders made (S. 110)	15	
Prosecutions (SS. 109, 110)	..	
[Infectious cases removed, disinfection both of places and material carried out under ordinary powers.]		
<i>Workshops on the Register</i> (S. 131) at the end of year :—		
Ordinary (179 trades)	1,467	
Domestic (1 trade)	6	
Bakehouses on register as workshops	254	
Do. domestic	719	
Total number of workshops on Register	2,446	
<i>Matters notified to H.M. Inspectors of Factories</i> :—		
Failure to affix Abstract of the Factory and Workshop Act (S. 133)	4	
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory Act (S. 5).	114	
Other	99	
<i>Underground Bakehouses</i> (S. 101) :—		
Certificates granted during the year	1	
In use at the end of 1913	49	

\* Of these 15, 8 were patients suffering from scarlet fever, 4 from diphtheria, and 3 from erysipelas. Eleven other cases were notified as phthisis, and precautions were taken to prevent contamination of the work.

† Two of the above lists (containing 20 workpeople) received twice a year homeworkers engaged in sack making. All others in wearing apparel.

The visits to these homeworkers are included in table Va.



**TABLE Vb.**

Other Visits paid by Senior Workshops Inspector  
and his assistant on account of

			Factories.	Workshops.	Workplaces.
Non-abatements	..	..	326	524	55
Drain inspection	..	..	..	..	..
Drains tested..	..	..	19	7	7
Disease enquiries	..	..	102	11	23
River pollution	..	..	..	..	..
Complaints	..	..	157	137	26
Measurement of workrooms			..	..	..
Wage enquiries	..	..	3	..	..
Bakehouses	{ underground		..	..	..
	{ above ground		..	..	..
Other causes ..	..	..	98	323	148
Appointments	..	..	36	15	5
Total ..			741	1,017	264

**Work done.**

			Factories.	Workshops.	Workplaces.
River pollution abated	..	..	..	..	..
Nuisances abated	..	..	216	167	12
Total	..	..	216	167	12

### WORK OF WOMEN INSPECTORS.

The work of the women inspectors during 1913 was, as in previous years, both varied and valuable. The staff consisted of eight inspectors including the chief woman inspector, but has now been increased by the addition of four new inspectors in order to cope with the work of the Notification of Births Act recently adopted, and the indications point to further additions to the staff being necessary in order to do justice to this most important and profitable work.

*Infant Welfare.*—In South-East Leeds and in West Leeds the Registrars furnish lists of births registered and acting on the information thus received, in South-East Leeds 1,025 first visits were made to advise mothers how best to keep their babies in health, and 9,182 other visits were paid to these homes.

Twenty-eight notices for sanitary defects and 53 for limewashing and cleansing were given and in 55 cases the defects were remedied. Ten were referred to the district inspector. Two cases of overcrowding were found, both were remedied. Two sanitary defects reported in 1912 were found to have been remedied.

In addition to these visits in South-East Leeds, 187 first visits and 1,988 other visits were paid in a certain district of West Leeds.

Thirteen sanitary defects were found, of which 10 were remedied and 30 notices given to cleanse and limewash; of these 20 were complied with. Two cases of overcrowding were found; both were remedied.

In addition to these visits paid in South-East and West Leeds, 476 first visits and 211 other visits were paid to babies in other parts of the City. These births had been notified, voluntarily, by midwives. In this connection 3 sanitary defects were found and remedied.

*Maternity Cases.*—Since about the 25th of October, 1911, the cards of maternity cases booked at the Infirmary have been sent in by the Lady Almoner. The expectant mothers who reside in the districts visited by our women inspectors have been visited and advised as to their own health and the necessary preparations to be made for the birth of the child. This work is proving most valuable, as it is, for instance, found to be much easier to persuade a mother to buy woollen clothing for the child before it is born than to buy it in addition to cotton clothing after its birth.



During 1913, 218 first visits and 254 other visits were paid, 11 sanitary defects were found and 9 remedied. Forty-six notices to cleanse, and 34 remedied. One case of overcrowding remedied. Six sanitary defects reported in 1912 were found to have been remedied.

*Infant mortality.*—During the year 1913, 236 investigations were made of deaths of infants under two years of age, and 523 other visits paid. In connection with this work 59 notices were given to cleanse and limewash; of these 49 have been complied with. Five lapsed because the occupiers had left. Notices for other defects were given to the number of 23. Twenty-one of these were remedied. One case of overcrowding was found and remedied. Ten sanitary defects reported in 1912 were also found remedied.

*Midwives Act.*—Part of the work done in the supervision of midwives is mentioned later under the heading “Infectious diseases.”

Thorough inspection of books and bags was made in 50 cases and 223 other visits were paid to midwives. In 27 cases the house was also inspected. Two of these were found to be dirty and were cleansed.

In addition to 142 other visits paid in connection with this work, 67 interviews took place at the Public Health Offices.

The number of midwives who, during January, 1913, notified their intention to practice was 48. Twelve others did so later.

During the year four left the borough, and two died.

Altogether 3,878 cases were attended by certified midwives during the year. This number does not include the cases taken by uncertified midwives, some of whom still continue to practise.

Four interviews with maternity nurses took place at the Public Health Offices, five interviews with uncertified women also took place and 16 other visits were paid in connection with them.

Of the 32 cases investigated as puerperal fever, 8 were attended by certified midwives. In all, 14 of these cases recovered. Of the cases taken by midwives two were fatal.

In such cases special attention has always been given to the disinfection of the bags and their contents, as well as to the clothing and persons of those attending these cases.

Notifications of 124 still-births have been received during the year. All of these were enquired into by the women inspectors, and in 100 cases the child's body was examined.

There were 485 notifications of requests for medical assistance, and 10 deaths of infants and 3 deaths of mothers were notified where no medical practitioner was in attendance. There was one notification of a midwife having laid out the dead.

Nineteen inquests on the deaths of infants were attended by the women inspectors.

*Infectious diseases.*—On account of puerperal fever, 32 houses have been completely examined and 126 other visits paid. Ten houses have been inspected on account of "high temperature," during the puerperium 10 visits were paid, two sanitary defects found and remedied, and seven notices to cleanse were given.

In addition to visiting patients reported during life as suffering from puerperal fever, two visits were also paid where the death of a puerperal woman was recorded from this disease or some similar cause.

Nineteen midwives and thirteen women who, though not certified midwives, had been more or less in contact with puerperal cases, paid visits to the disinfecting station in order to have their persons and clothing disinfected. Their bags and appliances were also disinfected under the personal oversight of our women inspectors. In other cases the clothing of the nurse was sent from the house where the illness occurred to be disinfected at the station.

Two of these houses were found to be dirty, and these were cleansed.

One midwife was found to have been in contact with a case of scarlet fever. Action was taken and the midwife's person, clothing and appliances disinfected.

On account of infectious disease among persons employed, 366 visits of enquiry were made to 139 factories, 15 visits to 6 work shops, and 51 visits to 21 workplaces.



Eighty-five visits were made to absent employees in connection with this work.

To the girls' and infants' departments of schools 709 visits of inspection and 344 return visits were made on account of infectious disease. To the houses of absentees 502 visits were paid; and one other visit made in connection with this branch of the work. One visit of inspection and two return visits were paid to a school on account of complaint of overcrowding.

Notices were sent to the offices of the Education Committee informing them of 13 cases where it was considered inadvisable that children should return to school until medical advice had been obtained.

*Outworkers.*—Table Va. gives, as in previous years, the work of our women inspectors in visiting at their homes persons employed as outworkers. In addition to these visits 93 more were paid to the employers of outworkers.

Two hundred and thirty-two notices for the cleansing of premises occupied by outworkers were given, and of these, 212 were complied with. Fifteen structural defects required notices, 10 of which were complied with during the year. Nine notices were given for overcrowding, all of which were complied with. Other sanitary defects to the number of 26 were found, and 22 remedied.

Thirty-five nuisances reported in 1912 were found remedied this year.

*Workshops.*—There were 953 inspections made of workshops, and 1,234 other visits were paid.

Thirty-seven notices were given for defective ventilation, 20 were complied with during the year. Three lapsed on account of the workshops being closed.

For cleansing and limewashing, 318 notices were given. Of these 7 lapsed because the occupier had left and 272 were complied with. One hundred and fifty-one sanitary defects were found, of which 129 were remedied; 12 notices lapsed because the occupier had left. Twenty-three sanitary defects reported in 1912 were also found remedied this year.

*Workplaces.*—Of restaurant kitchens 104 inspections were made and 35 other visits paid.

Eight notices were sent on account of defects found and all were complied with ; while 20 notices were given for cleansing and l mewingashing, eighteen of which were complied with.

Five visits were paid to other workplaces.

*Factories.*—In addition to the 139 factories visited on account of infectious disease, 29 were visited on complaint and 86 further visits were paid to them.

For cleansing and limewashing closets, 181 notices were given and 179 were complied with. Three hundred and four other sanitary defects were found and 251 remedied. Seven nuisances reported in 1912 were found to have been remedied.

*Other work.*—On receipt of complaints 36 inspections of houses were made, and 278 other visits were paid. Eighty-one sanitary defects were found, of which 69 were remedied. Thirteen reported in 1912 were found to have been since remedied.

In connection with public conveniences for women, 9 inspections were made and 8 return visits paid. Two sanitary defects were found and both were remedied.

In addition to the work already given, 36 visits were paid to landlords and 215 visits were made for various purposes which cannot be classified under any of the previous headings.

The work done among infants and expectant mothers by the Leeds Babies' Welcomes Association is very valuable and our inspectors do a great deal to help on this work. One inspector attends weekly at the Welcome in Ellerby Road, and another at the centre in West Street. A more intimate co-operation between the Public Health Authority and the Voluntary Association is desirable in order to avoid overlapping and wastage of effort particularly in visiting, and fortunately there is every prospect of this being realised.

Seventy-five interviews have taken place with the Chief Woman Inspector in addition to the interviews with midwives.

Nine special visits were paid to children attending the Leeds General Infirmary Out-Patients' Department or the Public Dispensary acting on information received from the Lady Almoner of these Institutions.



**TABLE Va. (Outworkers.)**

Wards.	Complete inspections of houses on first visit.	Additional visits about			Total.
		work ordered.	infectious disease.	other causes.	
Central ... ..	32	57	2	36	127
North... ..	73	145	5	95	318
North East ...	62	66	1	108	237
East ... ..	27	25	3	39	94
South ... ..	18	5	1	46	70
East Hunslet ...	17	7	2	58	84
West Hunslet ...	54	57	3	145	259
Holbeck ... ..	42	37	...	66	145
Mill Hill ... ..	19	8	...	51	78
West ... ..	112	186	10	244	552
North West ...	45	112	...	90	247
Brunswick ... ..	55	66	6	110	237
New Wortley ...	43	47	...	89	179
Armley and Wortley	60	76	1	119	256
Bramley ... ..	7	7	...	18	32
Headingley ...	53	87	3	94	237
Totals... ..	719	988	37	1408	3152

## BAKEHOUSES, 1913.

WARDS.	OVERGROUND.			UNDERGROUND.			Total visits to over-ground and under-ground bake-houses.
	Em- ployees beyond family.	Work- shop bake- houses.	Domestic Bake- houses.	Em- ployees beyond family.	Work- shop bake- houses.	Domestic Bake- houses.	
Central .. ..	74	in 21	8	10	in 4	1	137
North .. ..	31	„ 16	37	10	„ 3	2	164
North-East ..	18	„ 16	63	—	—	1	156
New Ward ..	10	„ 5	4	—	—	1	21
East.. ..	21	„ 10	49	—	—	—	118
South .. ..	28	„ 10	38	2	„ 2	1	223
East Hunslet ..	12	„ 8	81	4	„ 2	—	199
West Hunslet ..	32	„ 17	86	—	—	5	183
Holbeck .. ..	18	„ 7	78	—	—	1	172
Mill Hill .. ..	24	„ 7	12	1	„ 1	1	53
West .. ..	29	„ 28	26	—	—	1	113
North-West ..	16	„ 7	41	11	„ 6	3	142
Brunswick .. ..	25	„ 15	24	4	„ 1	1	140
Armley & Wortley	39	„ 27	58	2	„ 1	—	184
New Wortley ..	8	„ 6	29	—	—	—	89
Bramley .. ..	7	„ 5	18	1	„ 1	—	115
Headingley {	16	„ 11	12	7	„ 4	1	57
Burley .. {	23	„ 11	27	2	„ 1	4	87
Kirkstall .. {	1	„ 1	5	—	—	—	12
Total .. ..	432	„ 228	696	54	„ 26	23	2,365

These visits made by Ward Inspectors only. This work is included in the figures given in Tables I. and II., line 32.



## CLEANSING.

*Ashpit cleansing.*—Tables VI. and VII. contain the usual information about ashpits. The total loads removed of nightsoil, dry ashes and rubbish was 184,097 against 189,204 the previous year, 179,260 in 1911, 184,075 in 1910, 171,846 in 1909, 172,594 in 1908, 179,813 in 1907, 184,993 in 1906, 191,814 in 1905, and 181,807 in 1904.

*Destructors.*—The following work has been done at the four destructors :—

At Armley Road 23,168 loads of rubbish, weighing 17,503·65 tons (0·76 tons or 15·11 cwts. per load) were destroyed during 284 working days. On an average of 12 cells, the work per cell per day would be 5·14 tons. The highest observed temperature was 1,500° Fahr.,\* the lowest 400°; average, 1,468°. There were 6,362 observations taken. The firemen employed averaged 12 a day, and the amount turned over by each averaged 5·14 tons daily.

At Beckett Street (old cells), 12,591 loads of rubbish, weighing 8,744·65 tons (0·69 tons, or 13·89 cwts. per load) were destroyed in 7 cells during 286 working days, being an average of 4·37 tons per cell per day. The highest observed temperature was 1,500° Fahr.,\* the lowest 400°; average 1,487°. There were 6,451 observations taken. The average number of firemen employed was 5·44, and their daily turnover 5·63 tons.

At the new bulk feeding destructor working 265 days, there were destroyed 16,367 loads, weighing 10,871·95 tons (0·66 tons or 13·29 cwts. per load). These were consumed in two cells worked by 2·88 men per day, and gave an average weight of 20·55 tons per cell per day, and 14·27 tons per fireman in his day of eight hours.

At Kidacre Street, 25,611 loads of rubbish, weighing 20,004·65 tons (0·78 tons, or 15·62 cwts. per load) were destroyed in 12 cells during 284 working days, being an average of 5·87 tons per cell per day. There were 6,362 observations of temperature taken, the readings averaged 1,453° Fahr., the highest was 1,500°,\* the lowest 500°. The average number of firemen was 10·69, and they turned over an average of 6·60 tons a man daily.

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\* The pyrometer does not register above 1,500° Fahr.

At Meanwood Road, 16,019 loads of rubbish, weighing 13,486·25 tons (0·84 tons, or 16·84 cwts. per load) were destroyed in 8 cells during 288 working days, being an average of 5·85 tons per cell per day. There were 6,451 observations of temperature taken, the readings averaged 1,461° Fahr., the highest was 1,500°,\* the lowest 400°. The average number of firemen was 6·13, and they turned over an average of 7·65 tons each day.

*Street Cleansing.*—This heading is intended to include the work done in the ordinary sweeping and gully cleansing to the paved streets, in the watering of streets and roads, in the cleansing of certain Macadam roads and their gullies, and in the removal of snow.

Mr. Mann reports that during 292 working days, 427,604 street cleansings were effected, an average of 1,464 a day.

The cleansing of gullies was equivalent to cleansing 199,793 or an average of 685 per day ; charges of disinfectant were applied to all gullies cleansed. In addition to this, 81,835 loads of street refuse were carted away (280 a day).

TABLE VI.

Ashpits put down for cleansing during the  
53 weeks ended 3rd January, 1914.

Requisitions to cleanse sent to Cleansing Sub-Department from Sanitary Office.	Number of latter returned as carried out.	Ashpits not cleansed within four days of requisition.
5,810	5,780	363

TABLE VII.

Refuse Removal (same period).

No. of midden emptyings.	No. of dry ashpit or tub emptyings.	No. of box or pail emptyings.	Total.	LOADS REMOVED.			Total.
				Night-soil.	Dry ashes.	Rubbish.	
—	2,562,207	8,453	2,570,660	—	—	—	184,097



The number of horse-days for street cleansing was 27,332, and for watering 4,400, being an average during 292 days of 94 and (during 82 days) 54 horses a day respectively. The motor sweepers worked the equivalent of 641 days.

During the 82 street watering days 94,401 barrels of water were used.

During the 53 weeks, the sub-department removed 33,984 loads of snow, employing for fourteen days horses equivalent to 3,808.

**TABLE VIII.**

**Work done in connection with the Cowsheds and Dairies  
Order during the 53 weeks ended 3rd January, 1914.**

Cowsheds on the register	..	..	..	..	152
Milk-retailers	..	..	..	..	575
Visits to cowsheds	..	..	..	..	517
"    "    (veterinary)	..	..	..	..	562
"    milkshops	..	..	..	..	762
"    railway stations	..	..	..	..	182
Cowkeepers discontinued business	..	..	..	..	6
New cowkeepers registered	..	..	..	..	—
New cowsheds built	..	..	..	..	2
Cowsheds reconstructed and provided with additional light, ventilation and drainage	..			..	4
Farms or milkshops visited on account of infectious disease	..	..	..	..	361

TABLE VIII a.

Veterinary inspection of Cattle, year ended 3rd Jan., 1914.

Date of Inspection	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1913.						
Jan. 20.	794	New Ward.	4	...	healthy	Unsatisfactory
"	792	"	5	...	"	Do.
"	793	"	4	...	"	Do.
"	795	"	3	...	"	Do.
"	778	"	1	...	(See Dec. 24th, 1912)	
"	781	"	1	I (tuberculous).		
Jan. 22.	136	N.E.	9	...	healthy	Satisfactory.
"	220	"	15	...	"	Do.
"	137	"	42	...	"	Do.
"	137a	New Ward.	23	...	"	Do.
"	791	"	16	...	"	Do.
"	774	"	30	...	"	Do.
"	170	N.	11	...	"	Do.
"	138	N.E.	44	...	"	Do.
Jan. 23.	678	N.	9	...	"	Do.
Jan. 27.	790	New Ward.	17	...	"	Do.
"	45	N.	11	...	"	Do.
"	533	"	27	...	"	Do.
Jan. 30.	680	Bnk.	3	...	"	Do.
"	284	N.W.	18	...	"	Do.
"	213	Hdy.	5	...	"	Do.
"	609	"	13	...	"	Do.
"	347	"	5	...	"	Do.
"	393	"	35	...	"	Do.
"	49	N.W.	22	...	"	Do.
"	39	N.	15	...	"	Do.
Feb. 5.	88	N.W.	26	...	"	Do.
"	616	"	21	...	"	Do.
"	812	Hdy.	4	...	"	Do.
"	35	W.	9	...	"	Do.
Feb. 7.	4	N.	...	...		Premises locked up.
"	665	"	10	...	"	Satisfactory.
"	66	C.	7	...	"	Do.
"	7	"	5	...	"	Do.
"	153	"	9	...	"	Clean but overcrowded.
Feb. 13.	552	Bnk.	24	...	"	Satisfactory.
"	236	N.	3	...	"	Ventilators stopped, horse manure in grip, manure spread over yard.
"	343b	"	15	...	"	Satisfactory.
"	343	"	12	...	"	Do.
"	544	"	10	...	"	Do.
"	776	New Ward.	cows out	...	...	Fairly clean.
"	602	N.	15	...	"	Satisfactory.



TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1913.						
Feb. 13.	343a	N.	13	...	healthy	Satisfactory.
Feb. 18.	150	Hol.	3	...	"	Do.
"	677	W.H.	3	...	"	Do.
"	135	"	11	...	"	Do.
"	390	"	12	...	"	Do.
"	43	"	22	...	"	Do.
Feb. 19.	590	E.	...	...		Given up cowkeeping.
"	554	"	10	...	"	Satisfactory.
"	172	"	26	...	"	Do.
Feb. 20.	351	"	9	...	"	Do.
"	101	"	13	...	"	Do.
"	631	"	12	...	"	Do.
"	478	N.E.	12	...	1 (tuber- culous)* others healthy	Fairly clean.
Feb. 21.	266	E.H.	4	...	healthy	Satisfactory.
"	670	"	18	...	"	Do.
"	835	S.	12	...	"	Do.
Feb. 24.	195	N.	15	...	"	Do.
"	40	"	8	...	"	Do.
Feb. 26.	63	Bmy.	6	...	"	Do.
"	681	"	7	...	"	Do.
"	360	"	22	...	"	Do.
"	243	"	8	...	"	Do.
"	385	"	18	...	"	Do.
"	822	"	14	...	"	Do.
"	209	"	10	...	"	Do.
"	352	"	12	...	"	1 shed unsuitable.
"	337	"	21	...	"	Satisfactory.
"	227a	"	9	...	"	Do.
"	227b	"	10	...	"	Do.
"	322	"	3	...	"	Do.
"	147	"	7	...	"	Do.
"	410	"	7	...	"	Do.
"	51	"	10	...	"	Do.
"	70	"	5	...	"	Clean, but floor requires repair.
"	574	"	14	...	"	Several cows dirty ; shed wall dirty.
"	682	"	20	...	"	Satisfactory.
"	167a	Hdy.	19	...	"	Do.
Feb. 27.	196	N.	20	...	"	Do.
"	756	"	6	...	"	Do.
"	797	New Ward.	1	...	"	Do.
"	776	"	4	...	"	Fairly clean.
Feb. 28.	159	E.H.	19	...	"	Satisfactory.

\* Cow destroyed.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1913.						
Feb. 28.	493	E.H.	22	...	healthy	Satisfactory.
"	378	W.H.	6	...	"	Floor dirty.
Mar. 4.	964	E.	7	...	"	Satisfactory.
"	19	"	20	...	"	Do.
"	145	"	22	...	"	Do.
Mar. 5.	10	A.&W.	6	...	"	Do.
"	372	"	3	...	"	Walls and floor dirty. Ventilators obstructed.
"	361	"	4	I (? tuber- culous)	others healthy.	Satisfactory.
"	333	Bmy.	9	...	healthy	Fairly clean.
"	78	"	19	...	"	Satisfactory.
"	199a	"	16	...	"	Do.
"	199b	"	15	...	"	Do.
"	585	"	15	...	"	Do.
"	765	"	8	...	"	Do.
"	801	"	5	...	"	Do.
"	92	"	5	...	"	Floor dirty.
"	249	"	11	...	"	Satisfactory.
"	400	"	31	...	"	Do.
"	73	"	28	...	"	Do.
"	635	"	12	...	"	Do.
"	909	"	18	...	"	Do.
"	77	"	47	...	"	Do.
"	173	"	16	...	"	Do.
Mar. 6.	4	N.	4	...	"	Do.
"	738	Hdy.	4	...	"	Do.
"	94	"	8	...	"	Do.
"	67	N.	1	...	"	Do.
Mar. 10.	522	"	9	...	"	Floor and walls dirty.
"	338	"	1	...	"	Satisfactory.
"	334	Hdy.	4	...	"	Do.
"	75	"	21	...	"	Several cows dirty. Shed floors and wall dirty. Ventilators obstructed.
Mar. 11.	38	A.&W.	28	..	"	Satisfactory.
"	99	"	18	...	"	Do.
"	321	Bmy.	11	...	"	Clean.
"	126	"	14	...	"	Satisfactory.
"	361	A.&W.	1	I (tuber- culous)	(See Mar. 5th)	
"	361	"	2	...	healthy	Unsatisfactory.
Mar. 12.	708	"	14	...	"	Walls and floor dirty.
"	148	Bmy.	11	...	"	Satisfactory.
"	141	"	18	...	"	Do.



TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1913.						
Mar. 12.	318	Bmy.	23	...	healthy	Satisfactory.
"	127	"	27	...	"	Do.
"	120	"	21	...	"	Several cows dirty. Shed floor dirty.
"	128	"	3	...	"	Satisfactory.
"	34	A.&W.	3	...	"	Do.
"	402	"	13	...	"	Do.
"	246	"	6	...	"	Do.
"	246a	"	10	...	"	Do.
Mar. 17.	519	Hdy.	5	...	"	Do.
"	912	"	8	...	"	Do.
"	592	"	23	...	"	Do.
"	146	"	39	...	"	Do.
"	591	"	4	...	"	Do.
"	353	"	8	...	"	Do.
"	219	"	10	...	"	Do.
"	550	"	11	I (mastitis)	others healthy	Do.
"	201	"	...	...	...	Premises unoccupied.
Mar. 18.	757	Bmy.	18	...	healthy	Satisfactory.
"	430	"	15	...	"	Do.
"	332	W.H.	61	...	"	Do.
"	406	"	26	...	"	Do.
"	96	"	14	...	"	Do.
Mar. 19.	780	New Ward.	15	...	"	Clean.
"	781	"	16	...	"	Do.
"	794	"	3	...	"	Do.
"	777	"	37	...	"	Floors dirty.
"	779	"	27	...	"	Clean
"	792	"	4	...	"	Do.
"	793	"	3	...	"	Do.
"	778	"	3	...	"	Do.
"	795	"	2	...	"	Floor dirty.
Mar. 20.	167a	Hdy.	1*	I (mastitis)		
Mar. 26.	766	New Ward.	14	...	"	Satisfactory.
"	770	"	39	...	"	Do.
"	796	"	40	...	"	Do.
Mar. 27.	771	"	40	...	"	Do.
"	782	"	4	...	"	Fairly clean.
"	783	"	24	...	"	Satisfactory.
"	773	"	25	...	"	Do.
"	784	"	3	...	"	Do.
"	768	"	25	...	"	Do.
"	772	"	35	...	"	Cows and sheds dirty.

\* Reported by owner.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1913. Mar. 27.	789	New Ward.	15	I (? tuberculous)	others healthy.	Dirty.
"	775	"	18	...	healthy	Fairly clean.
"	788	"	13	...	"	Dirty.
"	787	"	14	...	"	Do.
"	785	"	5	...	"	Clean.
"	769	"	10	...	"	Cows and shed dirty.
"	767	"	8	...	"	Satisfactory.
"	786	"	12	...	"	Do.
Mar. 28.	104	A. & W.	22	...	"	Do.
"	431 <sup>a</sup>	"	14	...	"	Do.
"	431	"	33	...	"	Do.
"	813	"	51	...	"	Do.
"	389	Hdy.	11	...	"	Do.
"	198	"	3	...	"	Do.
April 1.	789	New Ward.	1	I (tuberculous)	(See Mar. 27th).	
April 3.	136	N.E.	10	...	healthy	Satisfactory.
"	220	"	14	...	"	Do.
"	137	"	43	...	"	Do.
"	137 <sup>a</sup>	New Ward.	18	...	"	Do.
"	138	N.E.	45	...	"	Do.
April 8.	150	Hol.	2	...	"	Do.
"	677	W.H.	4	...	"	Do.
"	135	"	11	...	"	Do.
"	390	"	10	...	"	Do.
"	43	"	19	...	"	Do.
April 9.	680	Bnk	3	...	"	Do.
"	284	N.W.	17	I (? tuberculous)	others healthy	Do.
April 10.	789	New Ward.	1	...	(See April 1st).	
April 11.	678	N.	8	...	healthy	Satisfactory.
"	553	"	26	...	"	Do.
"	45	"	8	...	"	Do.
April 15.	101	E.	15	...	"	Do.
"	351	"	12	I (mastitis)	others healthy.	Do.
"	631	"	12	...	healthy	Do.
"	478	N.E.	13	...	"	Several cows dirty, sheds fairly clean.
April 16.	49	N.W.	23	...	"	Satisfactory.
"	213	Hdy.	5	...	"	Do.
"	609	"	16	...	"	Do.
"	284	N.W.	1	I (? tuberculous)	(See April 9th).	
"	552	Bnk.	21	...	healthy	Clean.

TABLE VIII a.—*Continued.*

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1913.						
April 16.	236	N.	4	...	healthy	Satisfactory.
April 17.	964	E.	8	...	"	Do.
"	19	"	18	...	"	Do.
"	145	"	18	...	"	Do.
"	172	"	25	...	"	Do.
"	554	"	11	...	"	Do.
April 23.	791	New Ward.	cows out.	...	...	Do.
"	774	"	30	I (? tuberculous)	others healthy.	Fairly clean.
"	170	N.	cows out	...	...	Do.
"	284	N.W.	I	I (? tuberculous)	(See April 16th.)	
April 24.	665	N.	9	...	healthy	Satisfactory.
"	4	"	4	...	"	Do.
"	67	"	1	...	"	Do.
"	790	"	12	...	"	Floors and walls dirty.
"	343a	"	14	...	"	Satisfactory.
"	602	"	15	...	"	Do.
April 30.	167a	Hdy.	1	(recovered)	(See Mar. 20th)	
"	35	W.	8	...	healthy	Satisfactory.
"	812	Hdy.	4	...	"	Do.
"	146	"	39	...	"	Do.
"	912	"	7	...	"	Do.
May 2.	88	N.W.	26	...	"	Do.
"	616	"	18	...	"	Do.
"	284	"	I	I † (tuberculous)	(See April 23rd)	
"	770	New Ward.	41	...	1 (? tuberculous) † others healthy	Satisfactory.
"	791	"	16	...	healthy	Do.
"	774	"	I	I † (? tuberculous)	(See April 23rd)	
May 9.	167a	Hdy.	20*	I (mastitis)	1 (? tuberculous) † others healthy	Satisfactory.
May 10.	768	New Ward.	25*	...	1 (? tuberculous) † others healthy.	Do.
"	137a	"	I*	...	1 (? tuberculous) † other cows out	Do.
May 24.	45	N.	8	...	healthy	Do.
"	220	N.E.	13	...	"	Do.
May 26.	797	New Ward.	cows out.	...	...	Do.
"	544	N.	"	...	...	Do.
"	776	New Ward.	4	...	healthy	Cows dirty. Shed walls dirty.
"	39	N.	cows out	...	...	

\* Reported by owner.

† Dealt with under "Tuberculosis" Order.



TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1913.						
May 26.	680	Bnk.	3	...	healthy	Satisfactory.
"	195	N.	15	...	"	Do.
"	40	"	6	...	"	Do.
"	154	"	...	...	...	No cows kept.
"	343 <sup>b</sup>	"	13	...	healthy	Satisfactory.
"	343	"	11	1 † (? tuberculous)	others healthy.	Do.
June 3.	544	"	9	...	healthy	Do.
June 5.	522	"	8	...	"	Do.
"	338	"	1	...	"	Do.
"	94	Hdy.	7	...	"	Do.
"	738	"	2	...	"	Do.
"	393	"	36	...	"	Do.
"	347	"	cows out.	...	...	Do.
June 11.	756	N.	7	...	healthy	Do.
"	196	"	19	...	"	Do.
"	347	"	6	...	"	Do.
June 16.	353	Hdy.	5	...	"	Do.
"	592	"	18	1 † (? tuberculous)	others healthy.	Do.
"	591	"	2	...	healthy	Do.
"	550	"	12	...	"	Do.
"	334	"	cows out.	...	...	Do.
"	75	"	"	...	...	Do.
"	579	"	"	...	...	Do.
June 27.	964	E.	6*	1 (mastitis)	others healthy	Do.
July 2.	402	A. & W.	12*	1 † (tuberculous)	"	Do.
July 3.	159	E. H.	18	...	healthy	Do.
"	493	"	18	...	"	Do.
"	378	W. H.	cows out.	...	...	Floor dirty.
July 4.	66	C.	5	...	healthy	Satisfactory.
"	7	"	4	...	"	Do.
"	153	"	8	...	"	Overcrowded and defective in lighting and ventilation.
July 14.	769	New Ward.	10	1 (mastitis)	others healthy	Floor dirty.
"	767	"	6	...	healthy	Satisfactory.
"	771	"	32	...	"	Do.
"	773	"	20	...	"	Do.
"	782	"	cows out.	...	...	Do.
"	783	"	"	...	...	Do.
"	784	"	3	...	1 † (? tuberculous) others healthy.	Do.

\* Reported by owner.

† Dealt with under "Tuberculosis" Order.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1913.						
July 14.	785	New Ward.	cows out.	...	...	Satisfactory.
July 15.	665	N.	7	...	healthy	Do.
"	4	"	5	...	"	Do.
July 16.	579	Hdy.	cows out.	...	...	Do.
"	804	"	3	...	healthy	Floor dirty.
July 17.	78	Bmy.	cows out.	...	...	Satisfactory.
"	199a	"	"	...	...	Do.
"	333	"	"	...	...	Do.
"	120	"	21	...	healthy	Do.
"	128	"	2	...	"	Do.
"	127	"	cows out	...	...	Do.
"	318	"	"	...	...	Do.
"	141	"	19	...	healthy	Do.
"	148	"	10	...	"	Do.
"	708	A. & W.	14	...	"	Do.
"	34	"	3	...	"	Do.
"	246	"	6	...	"	Do.
"	246a	"	10	I † (? tuberculous)	others healthy	Do.
July 21.	554	E.	10*	I (mastitis)	"	Do.
"	783	New Ward,	19	...	healthy	Fairly clean.
"	786	"	11	I (mastitis)	others healthy.	Do.
July 22.	787	"	1	...	healthy	Satisfactory.
"	788	"	9	...	"	Do.
"	775	"	18	...	"	Do.
"	789	"	12	...	"	Unsatisfactory.
"	772	"	33	...	"	Floors in bad repair and dirty.
Aug. 12.	209	Bmy.	10	..	"	Satisfactory.
"	822	"	14	...	"	Do.
"	243	"	9	...	"	Do.
"	385	Bmy.	14	...	"	Floor dirty.
Aug. 15.	670	E.H.	18	...	"	Satisfactory.
"	266	"	cows out.	...	...	Do.
"	835	S.	...	...	...	Given up cow keeping.
Aug. 18.	579	Hdy.	5	...	healthy	Satisfactory.
"	201	"	...	...	...	
"	75	"	18	...	healthy	Satisfactory.
"	334	"	5	...	"	Do.
Aug. 19.	766	New Ward.	18	...	"	Do.
"	781	"	4	...	"	Do.
"	794	"	2	...	"	Do.
"	777	"	35	...	"	Floors dirty.
"	780	"	cows out.	...	...	Clean.

\* Reported by owner.

† Dealt with under "Tuberculosis" Order.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1913.						
Aug. 19.	779	New Ward.	cows out.	...	...	Clean.
"	792	"	"	...	...	Do.
"	793	"	4	...	healthy	Do.
"	778	"	3	...	"	Do.
"	795	"	cows out.	...	...	Floor dirty.
"	770	"	38	...	healthy	Satisfactory.
"	170	N.	10	...	"	Do.
"	39	"	cows out.	...	...	Do.
Aug. 21.	104	A. & W.	22	...	healthy	Do.
"	431 <sup>a</sup>	"	...	...	...	Disused for summer.
"	126	Bmy.	14	...	healthy	Satisfactory.
"	63	"	cows out	...	...	Do.
"	681	"	6	...	healthy	Do.
"	360	"	cows out	...	...	Do.
"	321	"	17	...	healthy	Do.
"	99	A. & W.	19	...	"	Do.
"	38	"	24	...	"	Do.
Aug. 25.	780	New Ward.	14	...	"	Sheds clean.
"	779	"	27	...	"	Clean.
"	796	"	40	...	"	Floors dirty.
Aug. 26.	173	Bmy.	18	...	"	Satisfactory.
"	909	"	16	...	"	Do.
"	333	"	cows out	...	...	Manure in grips.
"	199 <sup>a</sup>	"	16	...	healthy	Satisfactory.
"	78	"	21	...	"	Do.
"	77	"	47	...	"	Do.
"	361	A. & W.	5	...	"	Do.
"	372	"	3	...	"	Do.
"	10	"	cows out	...	...	Do.
Aug. 27.	585	Bmy.	19	...	healthy	Do.
"	199 <sup>b</sup>	"	18	...	"	Do.
"	127	"	27	...	"	Do.
"	318	"	23	...	"	Do.
"	635	"	10	...	"	Do.
"	73	"	27	...	"	Do.
"	400	"	30	...	"	Do.
"	249	"	10	...	"	Do.
"	92	"	cows out	...	...	Do.
"	801	"	"	...	...	Do.
"	765	"	"	...	...	Do.
Sept. 2.	431	A. & W.	43	...	healthy	Do.
"	813	"	44	...	"	Do.
"	389	Hdy.	12	...	"	Do.
"	198	"	...	...	...	Premises locked up.



TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1913. Sept. 8.	10	A.&W.	5	...	1 † (? tuberculous.) others healthy.	Satisfactory.
Sept. 13.	478	N.E.	17*	...	1 † (tuberculous). others healthy.	Do.
Sept. 16.	332	W.H.	61	...	healthy	Do.
"	96	"	cows out.	...	...	Do.
Sept. 23.	430	Bmy.	15*	1 † (? tuberculous).	others healthy.	Do.
"	757	"	17	...	healthy	Walls and floors very dirty.
"	406	W.H.	28	...	"	Satisfactory.
"	96	"	14	...	"	Do.
Sept. 25.	410	Bmy.	8	...	"	Do.
"	51	"	10	...	"	Do.
"	70	"	7	...	"	Do.
"	574	"	14	...	"	Do.
"	682b	"	21	...	"	Horse Manure spread in grips in cowsheds.
"	63	"	cows out.	...	...	Satisfactory.
"	360	"	"	...	...	Do.
"	352	"	12	...	healthy	Do.
"	337	"	20	...	"	Do.
"	227a	"	cows out.	...	...	
"	227b	"	19	...	healthy	Satisfactory.
"	322	"	5	...	"	Do.
"	147	"	7	...	"	Do.
Sept. 26.	39	N.	16	...	"	Do.
Oct. 14.	677	W.H.	5	...	"	1 shed satisfactory.
"	135	"	...	...	...	1 shed small and dark.
"	390	"	7	...	healthy	Given up cowkeeping.
"	43	"	17	...	"	Satisfactory.
"	150	Hol.	1	...	"	Do.
Oct. 20.	783	New Ward.	20	...	"	Do.
"	771	"	32	...	"	Do.
"	782	"	4	...	"	Do.
Oct. 21.	35	W.	10	...	"	Do.
"	812	Hdy.	4	...	"	Do.
"	88	N.W.	28	...	"	Do.
"	616	"	18	...	"	Do.
Oct. 24.	153	C.	8	...	"	Clean but overcrowded.
"	7	"	5	...	"	Satisfactory.
"	66	"	3	...	"	Do.

\* Reported by owner.

† Dealt with under "Tuberculosis" Order.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1913.						
Oct. 27.	678	N.	9	...	healthy	Satisfactory.
"	553	"	27	...	"	Do.
"	45	"	9	...	"	Do.
"	602	"	14	...	"	Do.
"	343 <sup>a</sup>	"	14	...	"	Do.
"	343	"	12	...	"	Do.
"	343 <sup>b</sup>	"	13	...	"	Do.
Oct. 28.	964	E.	8	...	"	Do.
"	19	"	20	...	"	Most cows dirty ; sheds dirty.
"	145	"	20	...	"	Satisfactory.
"	172	"	24	...	"	Do.
"	554	"	11	..	"	Do.
Oct. 29.	201	Hdy.	...	...	...	No cows kept.
"	353	"	6	...	healthy	Satisfactory.
"	219	"	10	...	"	Do.
"	592	"	18	...	"	Do.
"	591	"	4	...	"	Do.
"	912	"	6	...	"	Do.
"	146	"	39	...	"	Do.
"	167 <sup>a</sup>	"	23	...	"	Do.
Oct. 30.	170	N.	10	...	"	Do.
"	4	"	7	...	"	Do.
"	665	"	7	...	"	Do.
"	67	"	1	...	"	Do.
"	136	N.E.	9	...	"	Do.
"	220	"	13	...	"	Do.
"	137	"	43	...	"	Do.
"	137 <sup>a</sup>	New Ward.	22	...	"	Do.
"	791	"	16	...	"	Do.
"	774	"	30	...	"	Do.
"	790	"	19	...	"	Do.
"	138	N.E.	44	...	"	Do.
Nov. 4.	49	N.W.	22	..	"	Do.
"	39	N.	12	...	"	Do.
"	680	Bnk.	4	..	"	Do.
"	284	N.W.	17	...	"	Do.
Nov. 5.	544	N.	9	...	"	Do.
"	756	"	8	...	"	Do.
"	196	"	23	...	"	Do.
"	522	"	8	...	"	Do.
"	94	Hdy.	8	...	"	Do.
"	338	N.	...	...	...	...
Nov. 6.	767	New Ward.	8	...	healthy	Several cows dirty ; shed fairly clean.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No Examined	Udder diseased.	General Condition	
1913. Nov. 6.	769	New Ward.	11	...	healthy	Several cows dirty; shed dark.
"	786	"	12	...	"	Satisfactory.
"	101	E.	17	...	"	Several cows dirty; shed satisfactory.
"	351	"	10	...	"	Satisfactory.
"	478	N.E.	16	...	"	Do.
"	631	E.	12	...	"	Do.
Nov. 10.	552	Bnk.	28	...	"	Do.
"	40	N.	8	...	"	Do.
"	195	"	18	...	"	Do.
"	236	"	3	...	"	Do.
"	154	"	...	...	...	...
Nov. 12.	75	Hdy.	22	...	healthy	Satisfactory.
"	334	"	6	...	"	Do.
"	804	"	3	...	"	Do.
"	579	"	5	...	"	Do.
"	550	"	10	...	1† (tuber- culous). others healthy.	Do.
Nov. 20.	708	A.&W.	17	...	healthy	Satisfactory.
"	148	Bmy.	9	1† (? tuber- culous)	others healthy	Several cows dirty; sheds dirty.
"	141	"	19	...	healthy	Satisfactory.
"	127	"	27	...	"	Do.
"	318	"	24	...	"	Do.
"	120	"	23	...	"	Do.
"	128	"	2	...	"	Do.
"	34	A.&W.	3	...	"	Do.
"	402	"	13	...	"	Do.
"	246	"	7	...	"	Do.
"	246a	"	10	...	"	Do.
Nov. 24.	783	New Ward.	24	...	"	Do.
Nov. 25.	40	N.	12*	...	1† (tuber- culous). others healthy.	Do.
Nov. 26.	493	E.H.	14	...	healthy	Do.
"	159	"	20	...	"	Do.
"	670	"	18	...	"	Do.
"	266	"	4	...	"	Do.
"	378	W.H.	...	...	...	Premises unoccupied.
Dec. 1.	609	Hdy.	16	...	healthy	Satisfactory.
"	213	"	5	...	"	Do.
"	393	"	32	...	"	Do.
"	347	"	5	...	"	Do.

\* Reported by owner.

† Dealt with under "Tuberculosis" Order.



TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1913.						
Dec. 1.	738	Hdy.	6	...	healthy	Satisfactory.
Dec. 3.	10	A.&W.	5	...	"	Do.
"	372	"	4	...	"	Do.
"	361	"	5	...	"	Do.
"	333	Bmy.	7	...	"	Several cows dirty; sheds fairly clean.
"	78	"	14	..	"	Satisfactory.
"	199a	"	14	...	"	Do.
"	199b	"	19	...	"	Do.
"	585	"	20	...	"	Do.
"	765	"	9	...	"	Do.
"	801	"	4	...	"	Do.
"	92	"	4	...	"	Dirty.
"	249	"	11	...	"	Satisfactory.
"	400	"	31	...	"	Do.
"	73	"	28	1 † (?tuberculous)	others healthy.	Do.
"	635	"	11	...	healthy	Do.
"	77	"	45	...	"	Do.
Dec. 4.	766	New Ward.	21	...	"	Do.
"	770	"	41	...	"	Do.
"	796	"	46	...	"	Do.
Dec. 6.	173	Bmy.	22	...	"	Do.
"	909	"	17	...	1 † (?tuberculous). others healthy.	Do.
Dec. 16.	406	W.H.	29	...	healthy	Do.
"	757	Bmy.	17	...	"	Several cows dirty; shed walls and floors dirty.
"	430	"	15	...	"	Satisfactory.
"	332	W.H.	59	...	"	Do.
"	96	"	15	...	"	Do.
Dec. 18.	785	New Ward.	4	...	"	Do.
"	773	"	21	...	"	Do.
"	784	"	2	...	"	Do.
"	772	"	32	...	"	Several cows dirty; sheds dirty.
"	789	"	10	...	"	Unsatisfactory.
"	775	"	18	...	"	Satisfactory.
"	788	"	9	...	"	Dirty.
"	787	"	9	...	"	Satisfactory.
"	768	"	23	...	"	Do.
"	126	Bmy.	13	...	"	Do.
"	321	"	17	...	"	Do.
"	99	A.&W.	23	...	"	Do.

† Dealt with under "Tuberculosis" Order.

TABLE VIII a.—Continued.

Date of Inspection.	Register No.	Ward.	Cattle and Condition.			Condition of Shed.
			No. Examined	Udder diseased.	General Condition	
1913.						
Dec. 18.	38	A. & W.	25	...	healthy	Satisfactory.
Dec. 19.	795	New Ward.	3	...	"	Do.
"	778	"	4	...	"	Do.
"	793	"	4	...	"	Do.
"	792	"	5	...	"	Do.
"	779	"	27	...	"	Do.
"	777	"	42	...	"	Many cows dirty; all sheds dirty, and 4 very unsatisfactory.
"	780	"	15	...	"	Satisfactory.
"	781	"	6	...	"	Do.
"	794	"	4	...	"	Do.
"	797	"	9	...	"	Do.
"	776	"	5	...	"	Do.
Dec. 22.	104	A. & W.	18	...	"	Do.
"	431a	"	13	...	"	Do.
"	431	"	34	...	"	Do.
"	813	"	48	...	"	Several cows dirty; shed satisfactory.
"	389	Hdy.	12	...	"	Satisfactory.
"	198	"	...	...	...	Premises locked up.
Dec. 23.	63	Bmy.	8	...	healthy	Satisfactory.
"	681	"	8	...	"	Do.
"	360	"	22	...	"	Do.
"	243	"	9	...	"	Do.
"	385	"	18	...	"	Do.
"	822	"	15	...	"	Do.
"	209	"	10	...	"	Do.
"	352	"	10	...	"	Do.
"	337	"	19	...	"	Do.
"	227a	"	9	...	"	Do.
"	227b	"	10	...	"	Do.
"	322	"	4	...	"	Dirty.
"	147	"	7	...	"	Satisfactory.
"	51	"	9	...	"	Do.
"	410	"	8	...	"	Do.
"	70	"	7	...	"	Do.
"	574	"	24	..	"	Several cows dirty; shed dirty.
"	682	"	22	...	"	2 sheds satisfactory; 1 shed too small.
Dec. 31.	198	Hdy.	...	...	...	No cows kept.

TABLE VIII b.

Samples of Milk sent to the Bacteriological Laboratory  
for Examination for Tubercle during 1913.

Date.	No. of Farmer.	Local Authority.	No. of retailer.	Result of test.
1913				
Jan. 15	1,046 st.	Skipton Rural	421	† Not tuberculous.
„	1,046 st.	Do.	421	† Do.
Jan. 16	1,211 st.	Settle Rural	177	† Do.
Jan. 21	1,152 c.	Wharfedale Rural	84	† Do.
„	1,152 c.	Do.	79	† Do.
„	1,152 c.	Do.	79	† Do.
Jan. 29	1,254 st.	Great Ouseburn	306	† Do.
„	1,200 st.	Wharfedale Rural	74	† Do.
„	1,222	Do.	200c.	† Do.
Feb. 12	1,072 st.	Yeadon	586	† Do.
„	1,217 st.	Wharfedale Rural	546	† Do.
„	1,223 st.	Do.	421	† Do.
„	1,129 st.	Do.	38	† Do.
Feb. 18	1,079 st.	Do.	421	† Do.
„	1,080 st.	Do.	421	† Do.
Feb. 25	1,116 st.	Do.	306	† Do.
„	1,255 st.	Knaresboro' Rural	207	† Do.
Feb. 27	1,256 st.	Keighley Rural	306	† Do.
Mar. 5	1,248 st.	Belper	215	† Do.
„	744	Leeds	744	* Tuberculous.
Mar. 13	1,257 c.	Wharfedale Rural	375	† Not tuberculous.
„	1,153 st.	Burley-in-Wh'rfed'le	215	† Tuberculous.
„	1,320 st.	Wharfedale Rural	215	† Do.
Mar. 18	1,141 c.	Rawdon	569	† Not tuberculous.
Mar. 19	1,258 c.	Do.	297	† Do.
„	1,259 st.	Tadcaster	421	† Do.
Mar. 28	789	Leeds	789	* Tuberculous.
Apr. 1	1,260	Burnley Rural	235 c.	† Do.
Apr. 2	1,000 st.	Wharfedale Rural	302	† Not tuberculous.
Apr. 9	1,261	Knaresboro'	259 c.	† Do.
„	1,262 st.	Settle	215	† Do.
Apr. 9	1,182 st.	Wharfedale	3	† Tuberculous.
„ 10	284	Leeds	284	* Do.
Apr. 15	1,133 c.	Hunslet Rural	600	† Incomplete.
Apr. 16	1,248 st.	Belper	421	† Tuberculous.
„	1,106 c.	Wetherby	468	† Not tuberculous.
„	1,017 c.	Wharfedale Rural	184	† Do.
Apr. 22	1,153	Burley-in-Wh'rfed'le	1,153	* Tuberculous.
„	1,320	Wharfedale Rural	1,218	* Do.

† Original specimen.

‡ Control specimen.

\* From single cow.



TABLE VIII b.—Continued.

Date.	No. of Farmer.	Local Authority.	No. of retailer.	Result of test.
1913				
Apr. 23	1,446 st.	East Westmore-land Rural	259	† Not tuberculous.
„	1,446 st.	Do.	259	† Tuberculous.
Apr. 26	774	Leeds (New)	774	* Not tuberculous.
Apr. 28	1,120	Wharfedale Rural	27 c.	† Do.
May 1	1,263 st.	Belper ..	421	† Do.
„	1,263 st.	Do. ..	421	† Do.
„	1,264 st.	Kirby Lonsdale ..	116	† Do.
May 8	1,141 c.	Rawdon ..	569	† Do.
„	1,035 c.	Horsforth ..	556	† Do.
May 16	1,234 st.	Guisley ..	306	† Do.
„	1,234 st.	Do. ..	306	† Do.
May 21	1,265 st.	Wetherby ..	421	† Do.
„	1,266 st.	Do. ..	421	† Do.
„	1,266 st.	Do. ..	421	† Do.
„	1,267 st.	Mellin ..	71	† Do.
„	1,267 st.	Do. ..	71	† Do.
May 22	1,268 c.	Wetherby ..	375	† Do.
„	1,257 c.	Do. ..	375	† Do.
„	585	Leeds ..	585	* Do.
May 28	1,179 c.	Wetherby ..	140	† Do.
„	1,268 st.	Do. ..	1,268	† Do.
„	1,268 st.	Do. ..	1,268	† Do.
„	1,269 st.	Knarborough ..	306	† Do.
„	1,270 st.	Newcastle ..	158	† Do.
June 3	1,271 st.	Howden Rural	421	† Do.
„	1,271 st.	Do.	421	† Incomplete.
„	1,272 st.	Borwick ..	71	† Not tuberculous.
„	1,273 st.	Kirby Lonsdale ..	599	† Do.
June 4	1,044 st.	Tadcaster Rural ..	215	† Do.
„	1,164 st.	Wetherby ..	421	† Do.
June 10	1,133 c.	Hunslet Rural ..	600	† Do.
June 11	1,274 st.	Pateley Bridge ..	599	† Do.
„	1,153 st.	Burley-in-Wh'rfed'le	215	† Do.
„	1,248 st.	Belper ..	215	† Do.
June 9	774	Leeds (New)	774	* Do.
June 14	..	Selby ..	..	†* Do.
June 17	1,275 c.	Morley ..	248	† Do.
June 18	1,276 st.	Derbyshire	421	† Do.
„	1,276 st.	Do.	421	† Do.
„	1,277 st.	Do.	421	† Do.
June 20	1,131 c.	Rawdon ..	215	† Do.

† Original specimen. ‡ Control specimen. \* From single cow.

TABLE VIII b.—*Continued.*

Date.	No. of Farmer.	Local Authority.	No. of retailer.	Result of test.
1913				
June 20	1,131 c.	Rawdon .. ..	215	† Not tuberculous.
June 24	1,263	Belper .. ..	421	†* Do.
June 25	1,038 c.	Skipton Rural ..	B. of G.	† Incomplete.
„	1,039 c.	Barnoldswick ..	421	† Not tuberculous.
„	1,278 c.	Drighlington ..	1,278	† Do.
„	1,097	Wharfedale Rural..	506 c.	† Do.
July 1	1,099 st.	Skipton Rural ..	207	† Do.
„	1,211 st.	Settle Rural ..	298	† Do.
„	1,279 st.	Shepton Mallet } Rural	306	† Do.
„	1,279 st.	Do. }	306	† Do.
July 2	1,280 st.	Wetherby .. ..	306	† Do.
July 9	1,281 st.	West Lancs. Rural	215	† Do.
„	1,242 st.	Lunesdale Rural ..	421	† Do.
„	1,282 st.	Kirby Lonsdale }	594	† Do.
„	1,282 st.	Do. [U.D.] }	594	† Do.
July 10	1,129 c.	Wharfedale Rural ..	38	† Do.
July 16	1,283 st.	Wetherby .. ..	212	† Do.
„	1,284 st.	Pateley Bridge ..	605	† Do.
„	1,122 c.	Wetherby .. }	258	† Do.
„	1,122 c.	Do. .. }	258	† Do.
July 17	1,285 st.	Skipton Rural ..	698	† Do.
„	1,300 st.	Settle Rural ..	483	† Do.
„	246	Leeds .. ..	246	* Tuberculous.
July 22	1,286 st.	Skipton Rural ..	208	† Not tuberculous.
„	1,287 st.	Do. .. ..	175	† Do.
„	1,446 st.	East Westmoreland Rural .. ..	239	† Do.
July 30	1,288 c.	Hunslet Rural ..	813	† Do.
„	1,113 c.	Rawdon .. ..	640	† Do.
„	1,194 c.	Yeadon .. ..	359	† Do.
July 31	1,050 st.	Wakefield Rural ..	215	† Do.
„	1,138 st.	Skipton Rural ..	215	† Do.
„	1,237 st.	Settle Rural }	421	† Do.
„	1,237 st.	Do. }	421	† Do.
Aug. 13	1,175 st.	Keighley Rural ..	215	† Do.
„	1,289 st.	Pateley Bridge ..	599	† Do.
„	1,290 st.	Do. .. ..	482	† Do.
„	1,174 st.	Skipton Rural }	152	† Do.
„	1,174 st.	Do. }	548	† Tuberculous.
Aug. 19	1,042 st.	Wharfedale Rural ..	68	† Not tuberculous.
Aug. 20	1,255 st.	Knaresboro' ..	207	† Do.

† Original specimen.

‡ Control specimen.

\* From single cow.

TABLE VIII b.—Continued.

Date.	No. of Farmer.	Local Authority.	No. of retailer.	Result of test.
1913				
Aug. 21	1,445 st.	Stewarton, Scotl'd	306	† Not tuberculous.
"	1,445 st.	Do.	306	† Tuberculous.
"	1,445 st.	Do.	306	† Not tuberculous.
Aug. 28	1,125 st.	Wetherby ..	50	† Do.
"	1,241 st.	Skipton Rural ..	707	† Do.
"	1,232 st.	Wharfedale Rural ..	328	† Do.
"	1,231 st.	Tadcaster ..	421	† Do.
"	1,291 st.	Liverpool ..	215	† Do.
"	1,205 st.	Skipton Rural	306	† Do.
"	1,205 st.	Do.	306	† Incomplete.
Sep. 2	1,011 c.	Tadcaster ..	295	† Not tuberculous.
"	771 c.	Leeds (New)	630	† Do.
"	1,292 c.	Wetherby ..	704	† Tuberculous.
Sep. 3	1,138 st.	Skipton Rural	215	† Not tuberculous.
"	1,138 st.	Do.	215	† Do.
"	1,293 st.	Pateley Bridge ..	599	† Do.
"	1,064 st.	Ripon Rural ..	306	† Do.
Sep. 10	306 st.	Do.	306	† Incomplete.
"	306 st.	Do.	306	† Not tuberculous.
"	1,238 st.	Lunesdale Rural ..	421	† Do.
"	1,294 st.	Carnforth ..	215	† Do.
Sep. 16	1,260 st.	Burnley Rural ..	71	† Do.
"	1,193 st.	Skipton Rural ..	24	† Tuberculous.
Sep. 17	1,154 c.	Wharfedale Rural ..	438	† Not tuberculous.
"	1,252 c.	Do.	618	† Incomplete.
Sep. 23	430	Leeds ..	430	* Not tuberculous.
Sep. 24	1,079 st.	Wharfedale Rural ..	306	† Do.
"	1,080 st.	Do.	306	† Do.
"	1,152 c.	Do.	739	† Do.
"	1,152 c.	Do.	517	† Do.
"	1,152 c.	Do.	84	† Do.
Sep. 29	1,008 c.	Tadcaster Rural ..	..	† Do.
"	1,208	Wetherby ..	317	†*
"	1,208 c.	Do. ..	317	† Do.
Oct. 8	1,295 st.	Skipton Rural ..	215	† Do.
"	1,296 st.	Do.	215	† Do.
"	1,174 st.	Do.	548	† Do.
"	1,174 st.	Do.	548	† Do.
Oct. 11	1,292	Wetherby ..	..	* Tuberculous.
Oct. 14	1,206 c.	Horsforth ..	366	† Not tuberculous.
"	1,123 c.	Do. ..	412	† Do.
"	1,168 c.	Do. ..	561	† Do.

† Original specimen.

‡ Control specimen.

\* From single cow.



TABLE VIII b.—Continued.

Date.	No. of Farmer.	Local Authority.	No. of retailer.	Result of test.
1913				
Oct. 14	1,210 c.	Horsforth ..	632	† Not tuberculous.
Oct. 22	1,245 st.	Skipton Rural	783	† Do.
Oct. 23	1,245 st.	Do.	71	† Do.
"	1,245 st.	Do.	3	† Do.
"	306 st.	Ripon Rural	306	† Do.
"	306 st.	Do.	306	† Do.
Oct. 29	1,263 st.	Belper ..	421	† Do.
"	1,297 st.	Pateley Bridge ..	421	† Do.
"	1,245 st.	Skipton Rural ..	76	† Do.
"	1,298 st.	Burley-in-Wh'rfed'le	212	† Do.
Oct. 30	1,060 st.	Silsden ..	421	† Do.
"	1,077 st.	Skipton Rural ..	421	† Do.
Nov. 5	1,179 c.	Wetherby ..	140	† Do.
"	1,179 c.	Do. ..	140	† Do.
"	1,179 c.	Do. ..	140	† Do.
Nov. 5	1,017 c.	Wetherby ..	184	† Do.
"	1,155 c.	Wharfedale Rural..	41	† Do.
Nov. 12	1,200 st.	Do.	79	† Do.
"	1,200 st.	Do.	74	† Incomplete.
"	1,192 st.	Pateley Bridge	74	† Not tuberculous.
"	1,192 st.	Do.	74	† Do.
"	1,192 st.	Do.	74	† Do.
"	1,192 st.	Do.	74	† Incomplete.
Nov. 17	1,123 c.	Horsforth ..	412	† Not tuberculous.
"	1,166	Wharfedale Rural..	412 c.	† Do.
Nov. 26	1,299 st.	Melbourne ..	421	† Do.
"	1,300 st.	Repton Rural ..	259	† Do.
"	1,245 st.	Skipton Rural ..	599	† Do.
Nov. 27	1,038 st.	Do. ..	B. of G.	† Do.
Dec. 4	1,249 st.	Lunesdale Rural	783	† Do.
"	1,249 st.	Do.	783	† Do.
"	1,245 st.	Skipton Rural	3	† Do.
"	1,245 st.	Do.	643	† Do.
"	1,004 st.	Rawdon ..	74	† Tuberculous.
"	1,245 st.	Skipton Rural ..	29	† Not tuberculous.
Dec. 10	1,268 st.	Wetherby ..	..	† Do.
"	1,044 st.	Tadcaster Rural	215	† Do.
"	1,044 st.	Do.	215	† Do.
Dec. 16	1,216 c.	Hunslet Rural ..	355	† Do.
"	1,218 st.	Tadcaster ..	422	† Do.

† Original specimen.

‡ Control specimen.

Table VIIIb. shows that 202 samples of milk were collected and submitted to the Medical School for biological examination. Owing to some accident, such as the premature death of the guinea pigs, the result as to the presence or absence of tubercle was uncertain in 8 examinations. Of the samples sent 176 were declared by the Professor to show no evidence of tubercle and the remaining 18 or 9 per cent. were pronounced to be tuberculous.

As far as possible the specimens of milk were taken from the farmer's can. Where the milk came by train the letters "st" for station have been placed against the number of the farmer by whom it was sent. In those cases where, owing to some special circumstance, we were not able to get the milk from the farmer himself in his own can but where it was taken from the can of a dealer we have placed the letter "c" against the number of the retailer. They amount however, to only 5 out of the 202 samples examined.

**TABLE IX.**  
**Samples of food sent to the City Analyst for examination during the 53 weeks ended 3rd January, 1914.**

Article.	Genuine.	Adul- terated.	Total.	Taken formally.		Taken informally.	
				Genuine.	Adul- terated.	Genuine.	Adul- terated.
Milk ... ..	222	85	307	208	76	14	9
Butter .. ...	1	...	1	1	...	...	...
Lard ... ..	5	...	5	5*	...	...	...
Cream / ... ..	3	...	3	...	...	3	...
Pepper ... ..	4	...	4	...	...	4	...
Total ... ..	235	85	320	214	76	21	9
				290		30	

\* Of the above samples taken formally, the inspector employed an agent in one of lard.

TABLE IXa.

Summonses issued during the 53 weeks of 1913 under the Sale of Food and Drugs Acts, 1875, 1879, and 1899, for articles other than butter.

No. of Sample.	Article.	Percentage of Adulteration.	Fines.			Remarks.
			£	s.	d.	
22	Milk ..	6% added water .. ..	..			to pay costs ; retailer
24	Do. ..	9% do. .. ..	..			error in purchase ; dismissed ; wholesale
43	Do. ..	38% fat removed .. ..	2	0	0	and costs } second and
44	Do. ..	7% do. .. ..	1	0	0	do. } third conviction ; retailer
45	Do. ..	12% added water .. ..	5	0	0	and costs ; wholesale
62	Do. ..	31% added water, 9% fat removed	5	0	0	and costs, bound over for six months to cease selling milk ; retailer
67	Do. ..	19% added water .. ..	..			withdrawn on payment of costs ; retailer ; see No. 79 and 80
79	Do. ..	26% do. .. ..	5	0	0	} second and third conviction ; wholesale
80	Do. ..	33% do. .. ..	10	0	0	
97	Do. ..	4½% do. .. ..	2	0	0	
101	Do. ..	15% do. .. ..	1	0	0	and costs ; third conviction ; retailer ; see No. 79 and 80
112	Do. ..	8% do. .. ..	0	10	0	retailer
115	Do. ..	10% do. .. ..	0	10	0	do.
116	Do. ..	15% do. .. ..	0	10	0	Wholesale to No. 112 and 116
123	Do. ..	9% do. .. ..	..			retailer
125	Do. ..	9% do. .. ..	..			adjourned to November ; wholesale ; see No. 79 and 80 and 162
130	Do. ..	5½% do. .. ..	..			to pay costs ; fourth conviction ; wholesale
161	Do. ..	8% do. .. ..	..			dismissed ; retailer
162	Do. ..	7% do. .. ..	2	0	0	to pay costs ; under Probation Act ; wholesale
163	Do. ..	4% do. .. ..	..			and costs ; wholesale ; see No. 123
189	Do. ..	19% do. .. ..	1	0	0	and costs ; retailer
200	Do. ..	12% added water, 9% fat removed	5	0	0	and costs ; wholesale
223	Do. ..	25% added water, 10% fat removed	..			to pay costs ; retailer ; see No. 228
224	Do. ..	5% added water, 5% fat removed	..			to pay costs ; retailer ; see No. 123
228	Do. ..	30% added water, 4% fat removed	10	0	0	and costs ; second conviction ; wholesale ; see No. 45
235	Do. ..	8% added water, 7% fat removed	..			to pay costs ; third conviction
237	Do. ..	15% fat removed ..	..			to pay costs ; fourth conviction
269	Do. ..	7% added water .. ..	7	0	0	and costs ; third conviction ; wholesale
273	Do. ..	23% do. .. ..	5	0	0	and costs ; wholesale
292	Do. ..	13% do. .. ..	..			to pay costs ; retailer
		For refusing to allow sample to be taken .. ..	5	0	0	and costs
		Do. do. .. ..	5	0	0	do.
			£	72	10	0



TABLE IXc.

Adulterated Samples where no proceedings were taken.

No. of Sample.	Article.	Adulteration.	Remarks.
1	Milk ..	11% fat removed .. ..	purchased officially
7	Do. ..	4% added water .. ..	do.
14	Do. ..	3% fat removed .. ..	do.
18	Do. ..	2.7% added water .. ..	do.
38	Do. ..	2½% do. .. ..	do.
39	Do. ..	5% added water, 8½% fat removed .. ..	do.
51	Do. ..	2% added water, 1.4% fat removed .. ..	do.
52	Do. ..	43% added water, 17% fat removed .. ..	Private sample (see No. 62 table IXa)
58	Do. ..	4.7% added water .. ..	purchased officially
59	Do. ..	20% fat removed .. ..	purchased officially ; cautioned
76	Do. ..	2.4% added water, 4.3% fat removed .. ..	purchased officially
93	Do. ..	20% fat removed .. ..	private sample (see No. 130 table IXa)
94	Do. ..	13% added water .. ..	private sample (see No. 79 and 80 table IXa)
95	Do. ..	13% do. .. ..	Do. do.
103	Do. ..	3% do. .. ..	purchased officially
108	Do. ..	1.6% do. .. ..	do.
114	Do. ..	6% fat removed .. ..	do.
121	Do. ..	9% do. .. ..	do. cautioned
124	Do. ..	15% added water .. ..	do. defendant died
151	Do. ..	23% fat removed .. ..	do. cautioned
158	Do. ..	6.7% do. .. ..	Private sample ; cautioned
159	Do. ..	10% do. .. ..	do. do.
160	Do. ..	10% do. .. ..	do. do.
171	Do. ..	26% added water .. ..	do.
177	Do. ..	6.7% fat removed .. ..	purchased officially
182	Do. ..	2.4% added water .. ..	do.
183	Do. ..	2% do. .. ..	do.
185	Do. ..	4.7% do. .. ..	do.
186	Do. ..	4.4% do. .. ..	do.
192	Do. ..	3% do. .. ..	do.
194	Do. ..	2.3% do. .. ..	do.
201	Do. ..	12% do. .. ..	do.
202	Do. ..	4.7% do. .. ..	do.
208	Do. ..	4% added water, 2% fat removed .. ..	private sample
219	Do. ..	22% added water .. ..	private sample ; refused to sell ; see No. 171
220	Do. ..	7% fat removed .. ..	purchased officially
222	Do. ..	6% do. .. ..	do.
226	Do. ..	3.6% added water .. ..	do.
230	Do. ..	2.5% do. .. ..	do.
232	Do. ..	1.5% added water, 8.5% fat removed .. ..	do.

TABLE IXc.—Continued.

No. of Sample.	Article.	Adulteration.	Remarks.
239	Milk ..	2.2% added water, 4.5% fat removed .. ..	purchased officially
242	Do. ..	5% added water .. ..	do.
254	Do. ..	4.7% do. .. ..	do.
277	Do. ..	5% do. .. ..	do.
284	Do. ..	18% fat removed .. ..	purchased officially ; cautioned by Dr. Cameron.
293	Do. ..	3.8% added water, 2.9% fat removed .. ..	purchased officially.
295	Do. ..	2% added water, 8% fat removed .. ..	do.
296	Do. ..	8% fat removed .. ..	do.
298	Do. ..	3.6% added water .. ..	do.
299	Do. ..	9% fat removed .. ..	do.
300	Do. ..	9% do. .. ..	do.
329	Do. ..	6.7% do. .. ..	do.
330	Do. ..	6.7% do. .. ..	do.
345	Do. ..	3.5% added water .. ..	do.
348	Do. ..	4.7% do. .. ..	do.

TABLE X.

Slaughter House and Meat Inspection, 53 weeks ended  
3rd January, 1914.

Class of meat seized and destroyed.	Weight in stones of 14 lb.	No. of seizures.	No. of persons summoned.	No. of convictions.	Penalties.
Carcase and organs of a cow	32	I	I	I	£3 and costs.
Carcase of a pig	3	I	I	...	...
Carcase of a calf	5	I	2	...	...

TABLE Xa.

## WORK OF MEAT INSPECTORS.

Meat, etc., destroyed by consent, 1910, 1911, 1912 and 1913.

	1913.	1912.	1911.	1910.
Beef .. .. .	102,822 lbs.	62,943 lbs.	62,965 lbs.	61,072 lbs.
Veal .. .. .	4,822 „	5,255 „	6,310 „	5,510 „
Oxtails* .. ..	—	—	208 „	96 „
Mutton .. .. .	7,746 „	6,220 „	6,753 „	11,013 „
Sheep's Kidneys*	23 „	—	22 „	20 „
Pork .. .. .	6,969 „	9,762 „	6,652 „	2,719 „
Ham or Bacon ..	—	—	—	—
Venison.. .. .	—	—	—	10 „
Offals .. .. .	12,424 „	7,713 „	9,641 „	6,497 „
Foreign Offals ..	350	—	—	—
Tinned meats ..	—	—	—	—
Rabbits* .. ..	3,221 „	3,350 „	3,134 „	3,772 „
Hares* .. .. .	848 „	—	198 „	632 „
Pigeons* .. ..	—	—	—	—
Fowls and Ducks*	138 „	—	457 „	—
Turkeys* .. ..	90 „	—	1,768 „	3,492 „
Quails .. .. .	—	—	500	1,800
Winged Game, &c.	—	—	394 lbs.	—
Eggs .. .. .	633	400	130	3,485
Cheese .. .. .	—	192 lbs.	46 lbs.	—
Milk .. .. .	—	—	—	—
Bread .. .. .	—	—	84 „	—
Fish .. .. .	24,660 lbs.	8,949 „	24,079 „	4,360 lbs.
Shellfish .. ..	2,633 „	8,400 „	896 „	—
Oysters .. .. .	—	—	1,000	—
Lobsters .. ..	—	—	20	—
Crabs .. .. .	—	224 „	40	—
Shrimps .. .. .	63 „	924 „	—	—
Fruit .. .. .	2,143 „	7,378 „	2,979 lbs.	7,384 lbs.
Tinned Fruit ..	—	—	—	—
Vegetables .. ..	2,848 „	4,212 „	382 „	5,633 „
Mushrooms .. ..	—	100 „	—	—
Pickled cabbage ..	—	—	224 „	224 „
Visits to Markets, shops and railway stations	8,058	6,302	6,204	6,146
Visits to slaughter houses and knackers' yards .. .. .	8,046	8,260	8,342	8,473

\* Approximate weights.

In 1913 there were still 64 registered and 9 licensed private slaughter houses; there were also 2 public abattoirs and 2 licensed knackers' yards.



**TABLE XI.**  
Smoke, 1913 (53 weeks).

Complaints received .. .. .	18
Furnaces inspected .. .. .	7,859
Observations taken of chimneys (for a period of sixty minutes each) .. .. .	1,957
Total number of minutes dense smoke .. .. .	2,726
Average minutes duration of dense smoke during each observation of one hour (1 minute 24 seconds)	
Smoke prevention appliances adapted to furnaces	40
Chimneys newly erected .. .. .	12
Furnaces in connection with new chimneys ..	24
Notices served upon manufacturers .. .. .	6
Do. do. stokers .. .. .	8
Persons summoned before the magistrates ..	1
Do. convicted .. .. .	1
Total amount in fines and costs .. .. .	14/-

**TABLE XII.**  
Work done by Disinfecting Staff, 1913 (53 weeks).

Houses disinfected .. .. .	3,262
Rooms disinfected (stripped 201, limewashed 306)	12,593
Beds and mattresses disinfected .. .. .	5,968
Articles of bed clothing disinfected .. .. .	25,538
Articles of wearing apparel disinfected .. .. .	42,849
Miscellaneous articles disinfected .. .. .	11,541

**TABLE XIII.**

Cases removed to hospital by our own staff.  
Classified according to diseases certified.

Small-pox.	Scarlet fever.	Diphtheria.	Typhus fever.	Typhoid fever.	Other diseases.	Total, 1913.
..	1,220	744	..	1 3	121	2,188

(53 weeks).

**TABLE XIV.**

Return for the 53 weeks ended 3rd January, 1914,  
of patients in hospital.

	1 Small-pox.	2 Scarlet fever.	3 Diphtheria.	4 Typhus fever.	5 Enteric, or typhoid fever.	6 Other or doubtful cases.	7 Total.
No. in Hospital on Saturday, 28th December, 1912 .. ..	..	193	68	..	7	36	304
No. since admitted ..	..	1,197	671	..	63	866	2,797
No. discharged ..	..	1,163	576	..	47	679	2,465
No. died .. ..	..	15	55	..	7	70	147
No. remaining in Hospital, 3rd January, 1914 ..	..	214	108	..	16	151	489

**TABLE XV.**

Canal Boats (53 weeks).

Registered during the year 1913 .. ..	5
Re-registered do. .. ..	1
Transferred to fresh owners .. ..	3
Struck off register (on adjusting register) .. ..	6
On register, 3rd January, 1914 .. ..	225
Visits of inspection to wharves and locks .. ..	957
Boats completely inspected (180 boats) .. ..	510
Infective disease .. ..	—

**TABLE XVI.**  
**Houses Let in Lodgings.**

	Houses.	Rooms.
Registered during 1913; let as furnished rooms .. .. .	—	—
Struck off register .. .. .	13	25
On register, 3rd January, 1914 .. .. .	90	286
Houses let in lodgings visited, but not registered .. .. .	400	1,067
Houses examined during the year .. .. .	67	197
Drain testings 106 (defects found 23 in 20 houses).		
Retestings of the above 20 houses on completion of work, 40.		
Other visits for abatements, etc., 288.		
Visited for infectious disease other than small-pox, 9.		
Visits to houses on account of suspected case of small-pox, 0.		
Visits for additional inspection, 5,149.		

Nuisances found and abated—

	Found.	Abated.
Dirty and bad bedding .. .. .	13	13
Dirty rooms .. .. .	79	53
Defective roofs .. .. .	48	47
Defective drains .. .. .	34	26
Dirty closets .. .. .	26	26
Overcrowded rooms .. .. .	14	14
Defective eaves-spouts and fall-pipes ..	30	30
Dangerous stairs .. .. .	12	12
Defective floors .. .. .	20	20
Defective plastering to walls .. .. .	26	25
Defective water closets .. .. .	31	31
Defective water pipes .. .. .	11	11
Dilapidated doors to bedrooms .. .. .	3	3
Ashpits to repair .. .. .	12	12
	—	—
Total ..	359	323



**TABLE XVIa.**  
University Lodging Houses.

Houses inspected during 1913, 30, with 120 rooms lettable for lodgings.

Drain testings and retestings, 88 in above 30 houses (defects found on first test, 14, in 13 houses).

Retestings of above 13 houses on completion of work, 42.

Retestings of drains of 144 houses previously examined, 500 (defects found 8, in 8 houses).

Retestings of above 8 drains on completion of work, 20.

Additional visits for abatements, etc., 73.

Total visits to these houses .. 442

TABLE XVII.

## Other work of Temporary Dwellings Inspector.

Visits to vans during 1913	...	...	...	...	271
„ tents	„	„	...	...	14
„ cellar dwellings or suspected dwellings	...	...	...	...	143
Additional visits to camping grounds (nuisances)	...	...	...	...	32
Visits for infective disease (vans)	...	...	...	...	...
Drains tested at camping grounds	...	...	...	...	...
Ice cream carts inspected on fair grounds	...	...	...	...	79
Total					539

## Nuisances—

				Found.	Abated.
Dirty camping ground	...	...	...	12	12
Dirty closets	...	...	..	7	7
Camping grounds without accommodation for van dwellers...	...	...	...	11	11
Cellar dwellings closed	...	...	...	15	15
Total					45

Visits to common lodging-houses, 1913	...	..	350
„ „ „ as to infective disease	...	...	17
Drain testings, 12 (in 6 houses); defects found 1, in 1 house	...	...	1
Retesting after the 1 defect found 2, on completion of work	...	...	2
Additional visits for abatements, etc.	...	...	12
Total visits			382

## Nuisances—

				Found.	Abated.
Dirty closets	...	...	...	3	3
Stopped drains	...	...	..	1	1
Defective drains	...	...	...	1	1
„ roofs	..	...	...	1	1
„ fallpipes	...	...	...	2	2
„ floors	...	...	...	1	1
„ wall (outside)	...	...	...	1	1
„ cisterns and burst water pipes	...	...	...	3	3
„ ashpits and ashbins	...	...	...	1	1
Total					14

**TABLE XIX.**

Showing the houses examined as part of the general survey of the town during the year 1913 (53 weeks ended January 3rd, 1914), and the numbers represented or dealt with by the Development Committee, and the corresponding figures for 1911, 1912.

	1911.	1912.	†1913.
House-to-house .. .. .	9,114	5,850	6,443
Special examinations for Sections 15 and 17 of the Housing, Town Planning, &c., Act, 1909 .. .. .	298	474	192
Number of dwelling-houses which, on inspection, were considered to be in a state so dangerous as to be unfit for human habitation .. .. .	99	208	157
Represented .. .. .	78*	116	134
Closing Orders .. .. .	22	117	82
Number of houses in which defects were remedied without closing orders ..	32	28	37
Demolition Orders .. .. .	3	25	11
Demolished or permanently disused ..	37	35	71

The houses completely examined on account of (1) Infective disease, (2) Alleged nuisances, and (3) in furtherance of house-to-house examination were:—1911, 14,629; 1912, 9,976; 1913, 11,355. See Tables I. and II. The work done for nuisances found is contained in these Tables, but not separated as in above Table.

\* This figure in Report for 1911 was given as 59, nineteen houses represented in December, 1911, having been omitted. They were not dealt with until January, 1912, by the Development Committee

† The year 1913 contained 53 weeks, 1911 and 1912 each 52.



TABLE XX.

Showing the properties represented by the Medical Officer of Health to the Development Committee as unfit for habitation and the work done or ordered to be done down to the 31st March, 1914.

ADDRESS OF PROPERTY.	Number of houses.	DATE.					RESULT.
		M.O.H's. Representation.	Closing Order.	Completion of Repairs.	Determination of Closing Order.	Demolition Order.	
Well Street, 54 .. ..	1	Oct. 12th, 1910	Nov. 9th, 1910	..	..	..	Walled or boarded up with consent of Committee
Weaver's Square, 16, 16a, 17, 18, 19, 20, 21, 26, 27, 28, 29, 30, 31, 32, 33, 38,	16	Oct. 20th, 1910	..	..	..	..	Pulled down voluntarily, March, 1911
Weaver's Square, 6a ..	1	Oct. 20th, 1910	..	Nov. 13th, 1911	..	..	..
Weavers' Square, 46, 47, 48, 49, 50	5	Oct. 20th, 1910	..	Nov. 13th, 1911	..	..	..
Weaver's Square, 52 ..	1	Oct. 20th, 1910	..	..	..	..	Pulled down voluntarily to provide air for 51
Weaver's Square, 53 ..	1	Oct. 20th, 1910	..	..	..	..	Incorporated in lodging house, March, 1912
Richmond Road, 9, 11, 13, 15, 17	5	Oct 20th 1910	..	June, 1912	..	..	..
Richmond Road, 1, 5, 7	3	Oct. 20th, 1910	..	Sept., 1912	..	..	..
Leather Street, 10 ..	1	Oct. 20th, 1910	..	Dec. 17th, 1911	..	..	..
Dixon Garth, 4, 5 ..	2	Oct. 20th, 1910	..	Mch. 1911	..	..	..
Dixon Garth, 1, 2, 3 ..	3	Oct 20th, 1910	..	Apr. 1911	..	..	..
Richmond Street, 19, 21, 23, 25, 27, 29	6	Oct. 20th, 1910	..	Mch. 1911	..	..	..
Richmond Street, 17	1	Oct. 20th, 1910	..	Apr., 1912	..	..	..
Weaver's Square, 7 ..	1	Oct. 20th, 1910	April 12th, 1911	..	..	..	Voluntarily pulled down, March, 1912
Weaver's Square, 7a ..	1	Oct. 20th, 1910	April 12th, 1911	..	..	..	Incorporated in lodging house, March, 1912
Weaver's Square, 10, 11, 12, 13, 14, 15	6	Oct. 20th, 1910	..	April 26th, 1911	..	..	..
Weaver's Square, 8, 9 Richmond Street, 31	2 1 }	Oct. 20th, 1910	..	Sept. 4th, 1911	..	..	..
Weaver's Square, 51 ..	1	Oct. 20th, 1910	..	July 3rd, 1911	..	..	52 pulled down for air ( <i>vide supra</i> )
Noah's Ark Court, 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 13 Trafalgar Row, 12 .. Whitechapel Yard, 5 ..	11 1 1 }	Oct. 20th, 1910	Jan. 11th, 1911	..	..	..	{ All voluntarily boarded up March 14th, 1911

TABLE XX.—Continued.

ADDRESS OF PROPERTY.	Number of houses.	DATE.					RESULT.
		M.O.H's. Representation.	Closing Order.	Completion of Repairs.	Determination of Closing Order.	Demolition Order.	
Barr Street, 20 .. ..	1	Jan. 11th, 1911	March 8th, 1911	..	..	Sept. 13th, 1911	Made into coal store. Since pulled down as dangerous building
Frost Fold, 14, 15 ..	2	March 14th, 1911	April 12th, 1911	..	..	Sept. 13th, 1911	Razed Jan., 1912
Pork Alley, 4 .. ..	1	Sept. 13th, 1911	Jan. 10th, 1912	..	..	..	Made into coal store voluntarily May 29th, 1912
Weaver's Square, 39, 41	2	Sept. 13th, 1911	Jan. 10th, 1912	May 29th, 1912	..	..	Made habitable by closing of 4, Pork Alley
Joy's Fold, 9, 12 ..	2	Sept. 13th, 1911	Jan. 10th, 1912	..	May 8th, 1912	..	..
Joy's Fold, 10, 11, 20, 21..	4	Sept. 13th, 1911	Jan. 10th, 1912	..	..	..	Dec. 11th, 1911, bricked up voluntarily with intention to convert to other purposes
Cavalier Street, 28, 30, 32, 34, 36, 38, 40, 44 ..	8	Sept. 13th, 1911	..	..	..	..	Not satisfactorily repaired, March 31st, 1913
Cavalier Street, 42 ..	1	Sept. 13th, 1911	..	March 15th, 1912	..	..	Repairs fairly complete
Cavalier Street, 48, 50 ..	2	Sept. 13th, 1911	..	Some repairs March 1912	..	..	..
Cavalier Street, 46 ..	1	Sept. 13th, 1911	..	Some repairs March, 1912	..	..	..
St. Saviour's Row, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12 ..	11	Sept. 13th, 1911	..	Some repairs before Oct. 16th, 1911	..	..	Want of ventilation all, specially 6, 7, 8
Richmond Road, 19, 21..	2	Sept. 13th, 1911	..	Some repairs Nov. 13th, 1911	..	..	Closet arrangement bad
Weaver's Square, 44, 45,	2	Sept. 13th, 1911	..	Some repairs Nov. 13th, 1911	..	..	Do.
Low Balm, 2, 4, 6, 8 ..	4	Oct. 11th, 1911	Dec. 13th, 1911	..	..	Sept. 11th, 1912	Razed Nov., 1912
Wool Street, 1 .. ..	1	Nov. 15th, 1911	..	March 18th, 1912	..	..	..
Wool Street, 3, 4 ..	2	Dec. 13th, 1911	..	March 18th, 1912	..	..	..
Leather Street, 4, 5, 6 ..	3	Dec. 13th, 1911	..	March 18th, 1912	..	..	..
Leather Street, 7, 8, 9 ..	3	Dec. 13th, 1911	..	Dec. 17th, 1911	..	..	..

TABLE XX.—Continued.

ADDRESS OF PROPERTY.	Number of houses.	DATE.					RESULT.	
		M.O.H's. Representa- tion.	Closing Order.	Completion of Repairs.	Determina- tion of Clos- ing Order.	Demolition Order.		
Croft Buildings, 1, 2, 3 .. Croft Street, 1, 2, 3, 4, 6, 7, 8, 9, 13, 14 Back of 15, Water Lane ..	3 10 1	Dec. 13th, 1911	Jan. 10th, 1912	..	..	June 12th, 1912	In hand	
Water Lane, 15, 17, 19, 21	4							
Vine Street, 58, 60, 62 ..	3							
Grape Street, 59, 61, 63, 65	4	Dec. 13th, 1911	..	Oct. 19th, 1912	..	..	Unoccupied Demolition of 58, Vine Street and 59 Grape Street, closets provided for Nos. 60, 62, Vine Street, 61, 63, 65, Grape Street	
Red Lion Yard, 1, 2, 3, 17, 18, 23, 24 Thwaite Gate, 35, 37, 39..	7 3	Jan. 10th, 1912	June 12th, 1912	March 13th, 1913	..	..		
Red Lion Yard, 4, 5, 6, 7, 8, 9, 10, 11, 12 Thwaite Gate, 21, 23, 25, 27, 29, 31, 33 Red Lion Yard, 14, 15, 16	9 7 3	Jan. 10th, 1912 ..	June 12th, 1912 ..	.. .. ..	.. .. ..	..		Razed, Aug., 1913
Bradford's Yard, 1 ..	1	Feb. 20th, 1912	March 13th, 1912	Aug. 12th, 1912	Aug. 14th, 1912	..	..	
Bradford's Yard, 3 ..	1	Feb. 20th, 1912	March 13th, 1912	..	..	..	Razed, Aug., 1912	
Primrose Street, 21, 23 .. Thackray's Court, 1, 4 ..	2 2	Feb. 20th, 1912	March 13th, 1912	Oct., 1912	May 14th, 1913	Sept. 11th, 1912	Made habitable	
Thackray's Court, 2, 3 ..	2	Feb. 20th, 1912	March 13th, 1912	..	..	Sept. 11th, 1912	Razed March, 1913	
Primrose Street, 9, 11, 13, 15, 17, 19 Waggett's Court, 7, 8, 9, 10, 11, 12	6 6	Feb. 20th, 1912	March 13th, 1912	June, 1912	May 14th, 1913	..	..	
Waggett's Court, 2, 3, 4, 5, 6	5	Feb. 20th, 1912	March 13th, 1912	..	..	..	Razed June, 1912	
Primrose Street, 25, 27 .. Todd's Court, 1, 4 ..	2 2	Feb. 20th, 1912	March 13th, 1912	..	..	..	..	
Todd's Court, 2, 3 ..	2	Feb. 20th, 1912	March 13th, 1912	..	..	Feb. 12th, 1913	Razed, Aug. 1913	
East Water Lane, 18, 20, 22, 24, 26, 27, 28, 30 .. Leather Street, 2a ..	8 1	Feb. 20th, 1912	March 13th, 1912	..	..	..	Still closed, March 31st, 1914	
Whitehall Road, 115, 117, 119 Gelderd Road, 70, 72, 74..	3 3	June 12th, 1912	..	June 30th, 1913	..	..	Made habitable	
Shepherd's Fold, 5, 6 .. Shepherd's Fold, 3, 4, 7	2 3	June 12th, 1912 June 12th, 1912	Aug. 14th, 1912 Sept. 11th, 1912	.. ..	.. ..	May 14th, 1913	Razed, Jan. 1914	
Shepherd's Fold, 15, 16, 17, 18	4	June 12th, 1912	Sept. 11th, 1912	..	..			..



TABLE XX.—Continued.

ADDRESS OF PROPERTY.	Number of houses.	DATE.					RESULT.
		M.O.H's. Representation.	Closing Order.	Completion of Repairs.	Determination of Closing Order.	Demolition Order.	
Shepherd's Fold, 12, 13, 14	3	June 12th, 1912.	Aug. 14th, 1912	..	Nov. 19th, 1913	..	Made habitable
Shepherd's Fold, 9 ..	1 }	June 12th, 1912	Aug. 14th, 1912	..	..	..	Now lock-up-shop
Meadow Lane, 48.. ..							
Shepherd's Fold, 8 ..	1 }	June 12th, 1912	Sept. 11th, 1912	..	..	..	8, Shepherd's Fold still closed, 46, Meadow Lane now lock-up shop
Meadow Lane, 46.. ..							
Shepherd's Fold, 10 ..	1 }	June 12th, 1912	Aug. 14th, 1912	..	..	..	Now lock-up-shop
Meadow Lane, 50.. ..							
Meadow Lane, 42.. ..	1	June 12th, 1912	Sept. 11th, 1912	..	..	..	Now a workshop
Meadow Lane, 44.. ..	1	June 12th, 1912	Sept. 11th, 1912	..	..	..	Now lock-up shop. Back portion in Shepherd's Fold now closed
Meadow Lane, 40.. ..	1 }	June 12th, 1912	Sept. 11th, 1912	}	..	..	{ 40, Meadow Lane now a workshop. 1, 2, Shepherd's Fold now work-rooms
Shepherd's Fold, 1 ..							
Shepherd's Fold, 2 ..	1	June 12th, 1912	Sept. 11th, 1912				
Lane End Place, 1, 1a, 3 ..	3 } 7 }	Dec. 11th, 1912	Feb. 12th, 1913	..	Nov. 19th, 1913	..	Made habitable
Russell Yard, 4, 5, 7, 8, 9, 10, 11							
Russell Yard, 1, 2, 3 ..	3 } 3 }	Dec. 11th, 1912	Feb. 12th, 1913	..	Dec. 10th, 1913	..	Made habitable
Elland Road, 51, 53, 55 ..							
Elland Road, 49 .. ..	1	Dec. 11th, 1912	Feb. 12th, 1913	..	..	..	Razed Nov., 1913
Lane End Place, 5, 7, 9, 11	4	Dec. 11th, 1912	Feb. 12th, 1913	..	June 11th, 1913	..	..
Theaker Lane, 11.. ..	1	Dec. 11th, 1912	Jan. 8th, 1913	..	..	..	Razed May, 1913
Barwick Road, 22, 24 ..	2	Jan. 8th, 1913	Jan. 8th, 1913	..	..	..	Unoccupied. Repairs in hand. March, 1914
St. James' Street, 15 ..	1	Jan. 23rd, 1913	Feb. 12th, 1913	Sept. 30th, 1913	..	..	Made habitable
St. James' Street, 17 ..	1	Jan. 23rd, 1913	Feb. 12th, 1913	Sept. 30th, 1913	..	..	Made habitable
Mitchell's Court, 2, 3, 4, 5	4	Jan. 23rd, 1913	Feb. 12th, 1913	..	..	..	Razed June, 1913
Mitchell's Court, 1 and 6	2	Jan. 23rd, 1913	Feb. 12th, 1913	Sept. 30th, 1913	..	..	Made habitable
St. James' Street, 21 ..	1	Jan. 23rd, 1913	Feb. 12th, 1913	Sept. 30th, 1913	..	..	Made habitable
Scholes Yard, 2 .. ..	1	Jan. 23rd, 1913	Feb. 12th, 1913	..	..	..	Razed June, 1913

TABLE XX.—Continued.

ADDRESS OF PROPERTY.	Number of houses.	DATE.					RESULT.
		M.O.H's. Representation.	Closing Order.	Completion of Repairs.	Determination of Closing Order.	Demolition Order.	
St. James' Street, 25 and 27 Roberts' Court, 2, 5 ..	2 } 2 }	Jan. 23rd, 1913	Feb. 12th, 1913	Sept. 30th, 1913	Dec. 10th, 1913	.. }	Made habitable
Roberts' Court, 3 and 4 ..	2	Jan. 23rd, 1913	Feb. 12th, 1913	..	..	..	Razed, June, 1913
St. James' Street, 9, 11 James' Court, 6, 7, 9 ..	2 } 3 }	Jan. 23rd, 1913	Feb. 12th, 1913	Sept. 30th, 1913	..	..	Made habitable
St. James' Street, 13 .. James' Court, 8 .. ..	1 } 1 }	Jan. 23rd, 1913	Feb. 12th, 1913	Sept. 30th, 1913	June 11th, 1913	..	Made habitable
St. James' Street, 5, 7 .. James' Court, 4 .. ..	2 } 1 }	Jan. 23rd, 1913	..	June 30th, 1913	..	..	Made habitable
St. James' Street, 19 .. Scholes' Yard, 1 .. ..	1 } 1 }	Jan. 23rd, 1913	..	June 30th, 1913	..	..	Made habitable
St. James' Street, 23 .. Robert's Court, 1 .. ..	1 } 1 }	Jan. 23rd, 1913	..	June 30th, 1913	..	..	Made habitable
St. James' Street, 1, 3 ..	2	Jan. 23rd, 1913	..	June 30th, 1913	..	..	Made habitable
James' Court, 2 .. ..	1	Jan. 23rd, 1913	..	..	..	..	Voluntarily razed, March, 1913
St. James' Street, 39, 41, 43, 45	4 }	Jan. 23rd, 1913	..	Dec. 1913	..	..	Made habitable
Hirst's Square, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12	11 }						
St. James' Street, 29, 31, 33	3	Jan. 23rd, 1913	..	Sept. 30th, 1913	..	..	Made habitable
Roberts' Court, 6, 7, 8 ..	3	Jan. 23rd, 1913					
Tunnel How Hill (2 houses)	2	Jan. 23rd, 1913	Feb. 12th, 1913	..	..	..	Unoccupied, March, 1914
Prairie Cottage, Torre Road	1	March 18th, 1913	May 14th, 1913	..	..	..	Now a stable, March, 1914
Bridge Road, 7, 8, 9, 10, 11, 12, 18	7	March 18th, 1913	..	..	..	..	Being pulled down, May, 1914
Czar Street, 2, 4, 6, 8, 10	5	March 18th, 1913	..	..	..	..	Adjourned twelve months
MacKenzie Street, 11, 15.. Towngate, 42, 44, 46, 48 ..	2 } 4 }	Jan. 23rd, 1913	May 14th, 1913	..	May 13th, 1914	..	..
Chancery Court, 19, 20 ..	2	Jan. 23rd, 1913	May 14th, 1913	..	..	..	Razed, March, 1914

TABLE XX.—Continued.

ADDRESS OF PROPERTY.	Number of houses.	DATE.					RESULT.
		M.O.H's. Representation.	Closing Order.	Completion of Repairs.	Determination of Closing Order.	Demolition Order.	
Harrison's Yard, 1, 3, 5, 7, 9, 11, 13, 15, 17, 6, 8, 18	12	Re-presented under Bye-Laws in 1904	..	..	..	..	Voluntarily closed 1904, razed Oct., 1912
Harrison's Yard, 10, 12, 14, 22	4		..	Some repairs done voluntarily Oct., 1912	..	..	..
Harrison's Yard, 16, 19, 20, 21	4		..	..	..	..	Closed voluntarily Oct., 1912
St. Mary's Square, 8 and 10	2		..	..	..	..	Partially demolished voluntarily Oct., 1912
Town Street, Bramley, 81, 83, 85 and 87	4		..	..	..	..	Voluntarily closed 1904, razed Jan., 1912
Woodhouse Lane, 217 ..	1	Feb. 12th, 1913	May 14th, 1913	..	..	..	Now a lock-up-shop
Wards' Fold, 15, 21, 23 ..	3	May 14th, 1913	June 11th, 1913	Jan. 27th, 1914	..	..	Made habitable
Meadow Lane, 52.. ..	1	May 14th, 1913	..	..	..	..	Made habitable by razing Nos. 10 and 11, Holroyd's Court
Red Lion Place, 8, 9, 10, 11, 12	5	June 18th, 1913	..	..	..	..	Not to be re-let as dwellings, Sept., 1913
Bowman Lane, 2B, 18A ..	2	June 18th, 1913	July 9th, 1913	..	..	April 8th, 1914	..
Mushroom Court, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11	10	June 18th, 1913	Sept. 10th, 1913	..	..	..	Closed as dwellings
New Cleveland Row, 1, 3, 5, 7, 9, 11	6	June 18th, 1913	Aug. 13th, 1913	..	..	..	Demolished by bricking up doors, windows, and filling up area, March 17th, 1914
Cooper's Court, 4, 5, 10	3	July 9th, 1913	..	..	..	..	Razed, April, 1914
Cooper's Court, 8, 9, 11	3	July 9th, 1913	..	..	..	..	Somewhat improved by removal of 4, 5 and 10
Kendell Row, 2, 3, 4, 6, 7, 8, 9 and 11	8	July 9th, 1913	..	..	..	..	Somewhat improved by removal of No. 16, Kendell St., 5, Kendell Row, and 10, Cooper's Court
Kendell Row, 5 .. ..	1	July 9th, 1913	..	..	..	..	Razed, Dec., 1913





TABLE A, Part I.

Table shewing Deaths recorded in the City of Leeds during the fifty-three weeks ended 3rd January, 1914, classified according to cause, age, and the registration sub-districts to which the patients belonged. Deaths in institutions allocated to districts from which patients came. Districts again altered.

TOWNSHIP &c.	LEEDS.								Hunslet with Osmond- thorpe.	Holbeck.	Wortley and Farnley.	Kirkstall with Mean- wood.	Bramley (town- ship).	Outsid'rs dying in City.	Total Mortal- ity in City and its Hospitals.	*							
	North.	N.E.	West.	South E.																			
	66,034	45,726	55,323	52,393																			
Estimated Population— 457,295	und	ov.	und	ov.	und	ov.	und	ov.	und	ov.	und	ov.	und	ov.	und	ov.	und	ov.	All ages				
Under and over 5.	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5			
Enteric Fever	..	5	..	2	..	1	..	4	..	2	..	1	..	..	..	3	..	..	..	..	18	18	
Small-pox	10	..	10	..	5	..	33	3	20	..	19	2	3	..	3	..	..	..	1	..	104	5	109
Measles	..	..	2	..	3	2	..	..	1	2	2	1	1	..	1	..	..	..	1	..	11	5	16
Scarlet Fever	6	..	10	..	21	..	15	1	21	1	10	3	3	..	1	..	1	..	1	..	89	5	94
Whooping Cough	3	5	6	11	8	1	2	..	8	11	10	4	7	3	7	1	..	1	1	..	52	37	89
Diphtheria and Croup	..	9	1	5	..	11	..	8	..	1	..	2	..	6	..	6	..	2	..	..	1	50	51
Influenza	..	..	..	..	2	3	..	2	1	1	..	1	..	2	..	..	..	1	..	..	3	10	13
Erysipelas	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1	1	2
Cerebro- Spinal Fever	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	1	1	2
Phthisis(Pul- monary Tu- berculosis	1	72	6	50	7	71	10	91	3	92	1	37	..	41	..	44	1	22	1	4	30	527	557
Tub. Meng. and Acute	5	5	5	4	6	2	10	4	6	7	2	2	5	6	3	1	1	1	..	1	43	33	76
Hydroceph. Other Tuber- culous Dis- eases	7	3	7	6	14	8	9	9	15	11	10	7	25	9	5	11	2	2	4	10	98	76	174
Rheumatic Fever	..	3	..	2	..	..	..	4	1	1	..	1	..	2	..	1	..	..	..	..	1	14	15
Acute & Sub- Acute Rheu- matism	..	2	..	1	..	2	..	3	..	1	..	..	..	4	..	3	..	2	..	..	..	18	18
Cancer, Mal- ignant Dis- ease	..	72	..	44	..	84	..	71	..	74	..	37	..	64	..	48	..	15	2	49	2	558	560
Bronchitis	14	58	17	46	12	62	27	72	26	82	10	40	26	75	11	44	8	14	..	5	151	499	650
Broncho- pneumonia	24	8	25	1	25	9	50	7	42	12	26	5	20	11	8	4	5	4	1	..	226	61	287
Pneumonia (all other forms)	12	18	4	20	9	33	10	38	27	40	4	12	4	24	4	15	2	11	1	4	77	216	293
Other diseas- es of Respir- atory organs	1	8	1	14	2	12	1	27	2	6	..	4	1	11	1	7	1	3	1	3	11	95	106
Diarrhoea	26	..	21	3	21	1	31	1	80	1	32	3	29	3	6	2	4	..	..	..	250	14	264
Enteritis	15	2	8	2	21	2	2	..	15	3	12	..	14	2	18	3	1	..	2	..	114	14	128
Appendicitis & Typhlitis	..	2	..	..	..	1	..	1	..	3	..	..	..	3	..	2	..	..	1	14	1	26	27
Alcoholism	..	5	..	1	..	1	..	4	..	2	..	1	..	..	..	1	..	2	..	..	..	17	17
Cirrhosis of Liver	..	4	..	5	..	10	..	3	..	7	..	4	..	6	..	9	..	..	..	3	..	51	51
Nephritis & Bright's Disease	1	35	..	14	..	14	1	27	2	22	..	8	..	28	..	25	..	10	..	2	4	185	189
Puerperal Fever	..	2	..	2	..	1	..	2	..	1	..	..	..	2	..	2	..	1	..	1	..	14	14
Other acci- dents and Dis. of Preg- nancy and Parturition	..	7	..	6	..	5	..	2	..	3	..	7	..	8	..	6	..	4	..	2	..	50	50
Congenital Debility & Malforma- tion inclu- ding Prem- ature Birth	66	..	42	..	55	..	62	..	89	1	41	..	61	..	44	..	21	..	15	..	496	1	497
Violent D's excluding Suicide	7	15	5	14	6	11	6	28	10	31	3	17	6	18	6	10	1	3	1	23	51	172	223
Suicides	..	6	..	4	..	8	..	5	..	12	..	3	..	8	..	1	..	3	..	4	..	54	54
Other defin- ed Diseases	59	303	41	170	48	265	65	251	75	336	40	172	62	283	42	195	7	104	7	116	446	2201	2647
Diseases ill- defined or unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	257	649	211	427	265	620	340	668	445	766	222	375	267	619	160	444	55	205	40	241	2262	5027	7289
	906		638		885		1008		1211		597		886		604		260		281				
Mortality per 1,000 per an.	13.5		13.7		15.7		18.9		16.9		15.1		15.0		12.0		12.6						15.7

\* Whether of "Residents" or "Non-Residents" occurring within the City.

The 5,027 deaths over five include 13 "no home," 11 died in the Leeds Workhouse, 3 from phthisis, 1 from bronchitis, 1 from pneumonia, and 6 from "other defined diseases," and 2 died in the General Infirmary from "violent death" included in the Institution deaths and the totals, but not in any of the other columns.

\* Including 58 deaths in the Hunslet Workhouse.



**TABLE A, Part 2.**

Mortality at certain ages in the registration sub-districts.  
Deaths in Public Institutions allocated to districts.)

DISTRICT	Deaths at all ages.	Under 1 year.	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and up- wards.	Death- rate per 1,000 for each district.
North† ..	906	188	38	31	33	37	130	203	246	13.51
North-East† ..	638	131	36	44	26	20	83	149	149	13.74
West † ..	885	171	53	41	24	28	125	216	227	15.75
South-East† ..	1,008	217	67	56	34	41	131	249	213	18.94
Hunslet ..	1,211	277	102	66	48	59	148	261	250	16.85
Holbeck ..	597	130	52	40	25	25	64	122	139	15.06
Wortley ..	886	198	41	28	36	40	91	206	246	15.01
Kirkstall ..	604	113	23	24	23	19	67	142	193	11.98
Bramley ..	260	38	6	11	5	13	41	67	79	12.60
City ..	6,995	1,463	418	341	254	282	880	1,615	1,742	15.06
Tramps dying in Leeds ..	13	..	..	..	..	..	1	4	8	0.03
Outsiders dying in Leeds	281	24	7	9	18	25	70	96	32	0.60
Leeds persons dying away	229	6	1	3	11	10	65	65	68	0.49
Nett Total..	7,237	1,469	419	344	265	292	946	1,684	1,818	15.58

Deaths of Leeds persons in the Hunslet Workhouse (58) are allocated to the districts from which they were sent in.

† These districts were altered in area on October 1st, 1912. The figures refer to the altered area.

‡ Figures for additional ward included.



1913.—FIRST QUARTER.

Table shewing Deaths recorded in the City of Leeds during the thirteen weeks ended 29th March, 1913, classified according to cause, age, and the Registration sub-districts to which the patients belonged. Deaths in institutions allocated to districts from which patients came.

TOWNSHIP &c.  Provisional Population— 457,295	LEEDS.								Hunslet with Osmond- thorpe.	Holbeck	Wortley and Farnley.	Kirkstall with Mean- wood.	Bramley (town- ship).	Outsid'rs dying in City.	Total Mortal- ity in City and its Hospitals.			* Institution Deaths.				
	North.		N.E.		West.		South E.															
	und. 5	ov. 5	und. 5	ov. 5	und. 5	ov. 5	und. 5	ov. 5														
	66,034		45,726		55,323		52,393		70,751		39,029		58,104		49,624		20,311					
Under and over 5.	und. 5	ov. 5	und. 5	ov. 5	und. 5	ov. 5	und. 5	ov. 5	und. 5	ov. 5	und. 5	ov. 5	und. 5	ov. 5	und. 5	ov. 5	und. 5	ov. 5	und. 5	ov. 5	All ages	
Enteric Fever	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	2	2	2
Smallpox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	8	..	6	..	4	..	29	3	3	..	4	..	..	..	..	..	..	..	54	3	57	4
Scarlet Fever	..	..	..	..	1	1	..	..	1	1	..	..	..	1	..	..	..	..	3	2	5	4
Whooping Cough	..	..	1	..	2	..	4	1	8	1	1	..	1	..	..	..	..	..	17	2	19	..
Diphtheria and Croup	1	2	1	3	1	..	..	..	..	1	6	..	1	1	..	..	..	..	10	7	17	11
Influenza	..	3	..	..	..	2	..	1	..	1	..	..	3	..	2	..	1	..	..	13	13	1
Erysipelas	..	..	..	..	..	2	..	1	..	..	..	..	1	..	..	..	1	..	..	5	5	1
Cerebro- Spinal Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phthisis(Pul- monary Tu- berculosis)	1	25	3	12	1	24	5	34	1	25	1	9	..	9	..	14	1	7	13	161	174	65
Tub. Meng. and Acute Hydroceph.	1	3	..	1	..	1	3	2	2	2	1	..	..	1	..	..	1	..	8	10	18	4
Other Tuber- culous Dis- eases	2	1	1	1	2	3	1	1	5	2	..	2	4	3	1	5	..	..	17	19	36	8
Rheumatic Fever	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	2	2	2
Acute & Sub- acute Rheu- matism	..	1	..	1	..	..	..	1	..	..	..	..	..	1	..	1	..	2	..	7	7	..
Cancer, Mal- ignant Dis- ease	..	16	..	12	..	15	..	15	..	16	..	14	..	16	..	11	..	1	2	129	131	43
Bronchitis	1	22	7	23	6	26	13	31	9	32	7	20	5	27	5	26	4	8	57	217	274	17
Broncho- pneumonia	6	3	10	..	5	5	20	1	16	6	8	..	7	4	4	1	1	1	78	21	99	8
Pneumonia (all other forms)	3	6	..	8	4	12	4	13	8	15	2	4	1	4	..	7	..	2	22	72	94	21
Other diseas- es of Respir- atory organs	..	2	1	5	1	4	..	5	..	5	..	1	..	4	..	3	1	1	3	30	33	12
Diarrhœa	..	..	1	1	1	..	2	..	..	..	1	..	..	..	..	..	..	..	5	1	6	..
Enteritis	4	1	1	1	1	..	2	..	3	..	1	..	1	1	..	..	..	..	13	3	16	2
Appendicitis & Typhlitis	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	1	1
Alcoholism	..	1	..	1	..	1	..	2	..	..	..	..	..	..	..	1	..	..	..	6	6	2
Cirrhosis of Liver	..	1	..	..	..	2	..	..	..	2	..	1	..	2	..	1	..	..	..	10	10	1
Nephritis & Bright's Disease	..	11	..	3	..	6	..	8	..	3	..	3	..	10	..	1	..	3	..	49	49	6
Puerperal Fever	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	2	2	2
Other acci- dents and Dis. of Preg- nancy and Parturition	..	2	..	1	..	2	..	..	..	..	2	..	1	..	2	..	..	1	..	11	11	6
Congenital Debility & Malforma- tion includ- ing Prem- ature Birth	16	..	11	..	19	..	19	..	16	..	14	..	14	..	12	..	4	..	3	128	128	23
Violent D'hs excluding Suicide	3	1	1	3	1	1	..	8	5	8	1	3	2	3	3	3	1	..	6	17	36	53
Suicides	..	3	..	2	..	2	..	1	..	1	..	..	..	3	..	..	2	..	2	16	16	..
Other defin- ed Diseases	17	83	16	56	10	70	17	75	18	100	12	50	15	89	17	65	2	27	2	654	780	186
Diseases ill- defined or unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals..	63	187	60	134	59	180	119	207	95	222	59	109	51	184	43	142	15	57	573	1491	2064	462
	250		194		239		326		317		168		235		185		72		75			
Mortality per 1,000 per an.	15.2		17.0		17.3		25.0		18.0		17.3		16.2		15.0		14.2				18.1	

\* Whether of "Residents" or "Non-Residents" occurring within the City.

The 1,491 deaths over five include 3 "no home," who died in the Leeds Workhouse, 1 from bronchitis, 1 from pneumonia, and 1 from "other defined diseases" included in the Institution deaths and the totals, but not in any of the other columns.



## 1913.—SECOND QUARTER.

Table shewing Deaths recorded in the City of Leeds during the thirteen weeks ended 28th June, 1913, classified according to cause, age, and the Registration sub-districts to which the patients belonged. Deaths in institutions allocated to districts from which patients came.

TOWNSHIP &c. Provisional Population— 457,295	L E E D S.								Hunslet with Osmond- thorpe.	Holbeck	Wortley and Farnley.	Kirkstall with Mean- wood.	Bramley (town- ship).	Outsid'rs dying in City.	Total Mortal- ity in City and its Hospitals.			* Institution Deaths.						
	North.		N.E.		West.		South E.																	
	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5																
Under and over 5.	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	All ages					
Enteric Fever	..	1	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	3	3	1		
Smallpox	2	..	3	..	1	..	4	..	13	..	13	2	2	..	2	..	..	..	40	2	42	2		
Measles	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..	..	1	..	3	1	4	4		
Scarlet Fever	..	..	..	..	10	..	4	..	8	..	7	2	..	..	..	..	..	..	30	2	32	..		
Whooping Cough	..	..	..	..	10	..	4	..	8	..	7	2	..	..	..	..	1	..	30	2	32	..		
Diphtheria and Croup	2	2	2	7	..	..	1	..	3	1	1	1	1	1	1	..	1	..	11	13	24	13		
Influenza	..	4	..	4	..	4	..	4	..	..	1	..	3	..	3	..	..	..	..	23	23	3		
Erysipelas	..	..	..	..	..	..	..	1	1	..	..	1	..	1	..	..	..	..	1	2	3	..		
Cerebro- Spinal Fever	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	1	1	2	1		
Phthisis(Pul- monary Tu- berculosis)	..	16	2	16	2	11	1	23	1	22	..	10	..	13	..	15	..	4	6	130	136	58		
Tub. Meng. and Acute Hydroceph.	2	1	1	..	1	..	2	1	3	2	..	1	3	1	2	1	..	1	14	8	22	2		
Other Tuber- culous Dis- eases	1	1	3	2	3	..	4	5	4	3	4	2	6	3	2	3	1	1	28	24	52	16		
Rheumatic Fever	..	1	..	..	..	..	..	1	1	1	..	..	..	..	1	..	..	..	1	4	5	1		
Acute & Sub- acute Rheu- matism	..	1	..	..	..	1	..	1	..	..	..	..	1	..	..	..	..	..	..	4	4	..		
Cancer, Mal- ignant Dis- ease	..	19	..	9	..	27	..	17	..	16	..	7	..	20	..	17	..	5	..	146	146	37		
Bronchitis	3	13	4	12	4	13	5	16	3	23	2	7	9	24	3	9	1	5	34	124	158	12		
Broncho- pneumonia	7	..	5	..	9	1	13	1	14	4	9	1	7	4	3	..	3	2	70	13	83	9		
Pneumonia (all other forms)	4	5	..	5	2	7	2	6	8	9	..	4	3	11	2	2	1	3	22	53	75	15		
Other diseas- es of Respir- atory organs	..	..	..	..	..	5	..	11	..	..	..	1	1	1	..	3	..	..	1	22	23	11		
Diarrhoea	1	..	..	..	2	1	1	..	..	..	..	..	1	1	..	..	1	..	6	2	8	..		
Enteritis	2	..	3	1	4	1	1	..	2	..	3	..	1	..	2	..	..	..	18	2	20	1		
Appendicitis & Typhlitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	3	..	4	4	4		
Alcoholism	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	1	..	..	3	3	..		
Cirrhosis of Liver	..	..	..	..	..	..	..	1	..	..	..	..	..	..	2	..	..	1	..	4	4	1		
Nephritis & Bright's Disease	..	4	..	5	..	2	1	8	2	7	..	..	11	..	13	..	3	..	3	53	56	7		
Puerperal Fever	..	..	..	2	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	3	3	2		
Other acci- dents and Dis. of Preg- nancy and Parturition	..	1	..	3	..	2	..	..	..	..	..	1	..	2	..	..	3	..	..	12	12	2		
Congenital Debility & Malforma- tion includ- ing Prem- ature Birth	12	..	6	..	8	..	15	..	26	1	10	..	16	..	15	..	5	..	2	..	115	1	116	13
Violent D'hs excluding Suicide	..	2	2	3	1	3	3	3	2	4	..	4	1	5	1	3	..	1	1	4	11	32	43	26
Suicides	..	1	..	2	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	7	7	2		
Other defin- ed Diseases	13	79	7	43	14	66	17	64	23	87	13	39	18	63	13	51	2	27	3	31	123	552	675	179
Diseases ill- defined or unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals..	49	151	38	114	63	145	74	164	115	186	62	84	69	165	46	126	15	57	7	56	538	1250	1788	422
	200		152		208		238		301		146		234		172		72		63					
Mortality per 1,000 per an.	12.2		13.3		15.1		18.2		17.1		15.0		16.2		13.9		14.2							15.7

\* Whether of "Residents" or "Non-Residents" occurring within the City.

The 1,250 deaths over five include 2 "no home," who died in the Leeds Workhouse from "other defined diseases" included in the Institution deaths and the totals, but not in any of the other columns.



1913.—THIRD QUARTER.

Table shewing Deaths recorded in the City of Leeds during the thirteen weeks ended 27th September, 1913, classified according to cause, age, and the Registration sub-districts to which the patients belonged. Deaths in institutions allocated to districts from which patients came.

TOWNSHIP &c.  Provisional Population— 457,295	L E E D S.								Hunslet with Osmond- thorpe.	Holbeck	Wortley and Farnley.	Kirkstall with Mean- wood.	Bramley (town- ship).	Outsid'rs dying in City.	Total Mortal- ity in City and its Hospitals.			Institution		
	North.	N.E.		West.		South E.		Total Mortal- ity in City and its Hospitals.												
	66,034	45,726		55,323		52,393		70,751												
Under and over 5.	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	All ages	
Enteric Fever	..	1	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	3	3	..
Smallpox	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..
Measles	..	..	1	..	..	..	..	..	2	2	..	1	..	1	..	..	..	7	..	7
Scarlet Fever	..	..	2	..	..	..	..	..	1	1	1	1	..	..	..	..	..	4	2	6
Whooping Cough	2	..	1	..	7	..	2	..	5	..	2	1	1	..	..	..	1	..	21	22
Diphtheria and Croup	..	1	1	..	2	1	..	..	5	3	1	1	2	1	4	..	1	..	16	23
Influenza	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Erysipelas	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	1	..
Cerebro- Spinal Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Phthisis(Pul- monary Tu- berculosis)	..	12	..	9	1	14	1	10	1	17	..	9	..	7	..	3	..	5	1	90
Tub. Meng. and Acute Hydroceph.	..	..	2	1	3	1	2	..	1	2	1	..	..	2	..	..	..	1	9	16
OtherTuber- culous Dis- eases	4	..	1	2	6	..	1	2	2	2	3	1	8	1	..	1	1	2	3	41
Rheumatic Fever	..	1	..	1	..	..	..	2	..	..	..	1	..	1	..	..	..	..	6	6
Acute&Sub- acute Rheu- matism	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1
Cancer, Mal- ignant Dis- ease	..	24	..	11	..	20	..	19	..	26	..	9	..	14	..	10	..	5	11	149
Bronchitis	3	5	2	1	1	12	4	10	7	5	..	3	3	10	..	1	..	..	1	68
Broncho- pneumonia	3	2	2	..	7	..	3	..	4	..	5	1	3	3	1	1	..	..	..	35
Pneumonia (all other forms)	2	5	1	5	1	8	1	8	5	8	..	1	..	5	2	1	..	2	1	56
Otherdiseas- es of Respir- atoryorgans	1	2	..	4	..	..	..	6	1	..	..	2	..	2	..	..	..	1	1	20
Diarrhoea	23	..	19	2	16	..	23	..	68	1	17	2	22	2	4	2	3	..	..	204
Enteritis	2	1	2	..	11	1	2	..	5	2	3	..	9	1	13	1	..	..	..	53
Appendicitis & Typhlitis	..	1	..	..	..	1	..	1	..	1	..	..	..	1	..	..	..	6	..	11
Alcoholism	..	2	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	4
Cirrhosis of Liver	..	1	..	2	..	3	..	1	..	3	..	2	..	3	..	1	..	..	..	16
Nephritis & Bright's Disease	..	10	..	3	..	2	..	5	..	11	..	3	..	3	..	4	..	1	..	43
Puerperal Fever	..	1	..	..	..	1	..	..	..	..	..	1	..	1	..	..	..	..	..	4
Other acci- dents and Dis. of Preg- nancy and Parturition	..	2	..	..	..	1	..	..	..	2	..	3	..	4	..	1	..	1	..	15
Congenital Debility & Malforma- tion inclu- ding Prem- ature Birth	18	..	12	..	13	..	10	..	26	..	10	..	15	..	6	..	5	..	6	121
Violent D'hs excluding Suicide	..	2	..	1	1	3	1	7	1	16	1	8	2	6	1	1	..	1	..	59
Suicides	..	2	..	..	..	3	..	3	..	3	..	2	..	2	..	1	..	..	..	16
Other defin- ed Diseases	16	76	6	30	16	66	21	64	18	71	6	38	14	70	4	33	2	27	2	607
Diseases ill- defined or unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals..	74	151	52	72	85	138	71	139	151	177	52	89	81	139	36	62	11	43	14	57
Mortality per 1,000 per an.	13.7	10.9	16.2	16.1	18.6	14.5	15.2	7.9	10.7	14.9	..	..	..	..	..	..	..	..	..	14.9

\* Whether of "Residents" or "Non-Residents" occurring within the City.

The 1,070 deaths over five include 3 "no home," two died in the Leeds Workhouse from "other defined diseases" and one in the General Infirmary from "violent death" included in the Institution deaths and the totals, but not in any of the other columns.



## 1913.—FOURTH QUARTER.

Table shewing Deaths recorded in the City of Leeds during the fourteen weeks ended 3rd January, 1914, classified according to cause, age, and the Registration sub-districts to which the patients belonged. Deaths in institutions allocated to districts from which patients came.

TOWNSHIP &c. Provisional Population— 457,295	LEEDS.								Hunslet with Osmond- thorpe.	Holbeck	Wortley and Farnley.	Kirkstall with Mean- wood.	Bramley (town- ship).	Outsid'rs dying in City.	Total Mortal- ity in City and its Hospitals.			* Institution Deaths.						
	North.	N.E.	West.	South E.																				
	66,034	45,726	55,323	52,393																				
Under and over 5.	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	All ages					
Enteric Fever	..	3	..	2	..	..	..	2	..	1	..	..	..	2	..	..	..	10	10	5				
Smallpox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
Measles	..	..	..	..	..	..	..	..	2	..	..	..	..	..	1	..	3	..	3	2				
Scarlet Fever	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	1	1				
Whooping Cough	4	..	8	..	2	..	5	..	..	..	1	..	1	..	..	..	21	..	21	..				
Diphtheria and Croup	..	..	2	1	5	..	1	..	6	2	2	3	..	2	1	..	15	10	25	17				
Influenza	..	2	1	1	..	5	..	3	..	..	1	..	..	1	..	1	1	14	15	..				
Erysipelas	..	..	..	..	2	1	..	..	..	1	..	..	..	..	..	..	2	2	4	4				
Cerebro- Spinal Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..				
Phthisis(Pul- monary Tu- berculosis)	..	19	1	13	3	22	3	24	..	28	..	9	..	12	..	12	6	2	7	150	157	63		
Tub. Meng. and Acute Hydroceph.	2	1	2	2	2	..	3	1	..	1	..	1	2	2	1	..	..	..	12	8	20	3		
Other Tuber- culous Dis- eases	..	1	2	1	3	5	3	1	4	4	3	2	7	2	2	2	..	1	2	25	20	45	10	
Rheumatic Fever	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	1		
Acute&Sub- acute Rhen- matism	..	..	..	..	..	..	..	1	..	1	..	..	2	..	2	..	..	..	..	6	6	2		
Cancer, Mal- ignant Dis- ease	..	13	..	12	..	22	..	20	..	16	..	7	..	14	..	10	..	4	..	134	134	38		
Bronchitis	7	18	4	10	1	11	5	15	7	22	1	10	9	14	3	8	3	1	..	40	110	150	7	
Broncho- pneumonia	8	3	8	1	4	3	14	5	8	2	4	3	3	..	..	2	1	1	..	50	20	70	6	
Pneumonia (all other forms)	3	2	3	2	2	6	3	11	6	8	2	3	..	4	..	5	1	4	1	21	47	68	13	
Other diseas- es of Respir- atory organs	..	4	..	3	1	5	1	5	1	1	..	..	4	1	1	..	2	..	1	4	26	30	13	
Diarrhoea	2	..	1	..	2	..	5	1	12	..	14	1	6	..	2	..	..	..	..	44	2	46	2	
Enteritis	7	..	2	..	5	..	3	..	5	1	5	..	3	..	3	2	1	..	2	36	3	39	3	
Appendicitis & Typhlitis	..	1	..	..	..	..	..	..	..	1	..	..	2	..	1	..	..	1	5	1	10	11	10	
Alcoholism	..	2	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	4	4	1	
Cirrhosis of Liver	..	2	..	3	..	5	..	1	..	2	..	1	..	1	..	5	..	..	1	..	21	21	4	
Nephritis & Bright's Disease	1	10	..	3	..	4	..	6	..	1	..	2	..	4	..	7	..	3	..	1	40	41	5	
Puerperal Fever	..	1	..	..	..	..	..	..	..	..	..	1	..	1	..	1	..	1	..	..	5	5	3	
Other acci- dents and Dis. of Preg- nancy and Parturition	..	2	..	2	..	..	..	2	..	1	..	1	..	1	..	3	..	..	..	..	12	12	6	
Congenital Debility & Malforma- tion inclu- ding Prem- ature Birth	20	..	13	..	15	..	18	..	21	..	7	..	16	..	11	..	7	..	4	..	132	..	132	23
Violent D'hs excluding Suicide	4	10	2	7	3	4	2	10	2	3	1	2	1	4	1	3	..	1	..	7	16	52	68	33
Suicides	..	..	..	..	..	3	..	1	..	4	..	1	..	3	..	..	..	1	..	2	..	15	15	2
Other defin- ed Diseases	13	65	12	43	8	61	10	48	16	78	9	45	15	61	8	46	1	23	..	22	92	493	585	133
Diseases ill- defined or unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals..	71	160	61	107	58	157	76	158	84	181	49	93	66	131	35	114	14	46	10	62	524	1216	1740	410
	231		168		215		234		265		142		197		149		62		72					
Mortality per 1,000 per an.	13.0		13.7		14.5		16.6		14.0		13.6		12.6		11.2		11.4						14.2	

\* Whether of "Residents" or "Non-Residents" occurring within the City.

The 1,216 deaths over five include 5 "no home," three died in the Leeds Workhouse from phthisis and one from "other defined disease" and one in the General Infirmary from "violent death" included in the Institution deaths and the totals, but not in any of the other columns.



## 1914.—FIRST QUARTER.

Table shewing Deaths recorded in the City of Leeds during the thirteen weeks ended 4th April, 1914, classified according to cause, age, and the Registration sub-districts to which the patients belonged. Deaths in institutions allocated to districts from which patients came.

TOWNSHIP &c. Provisional Population— 459,260	LEEDS.								Hunslet with Osmond- thorpe.	Holbeck	Wortley and Farnley.	Kirkstall with Mean- wood.	Bramley (town- ship).	Outsid'rs dying in City.	Total Mortal- ity in City and its Hospitals.			Institution Deaths			
	North.	N.E.		West.		South E.															
	66,417	46,670		54,574		52,260		70,865											39,681	57,998	50,221
Under and over 5.	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	und 5	ov. 5	All ages		
Enteric Fever	..	1	..	..	..	1	..	..	..	..	..	4	..	..	..	..	..	..	6	6	4
Smallpox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	1	2	..	4	1	5
Scarlet Fever	1	..	1	1	1	..	..	..	..	1	..	3	2	1	..	..	..	..	6	5	11
Whooping Cough	5	..	16	..	1	..	13	1	1	..	1	..	3	..	3	..	..	..	43	1	44
Diphtheria and Croup	1	1	..	1	1	..	1	1	7	1	..	1	..	4	1	..	..	..	15	5	20
Influenza	..	1	..	3	..	1	..	2	..	2	..	2	..	..	..	..	..	..	..	11	11
Erysipelas	..	..	..	1	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	3	3
Phthisis (Pul- monary Tu- berculosis)	..	19	..	18	1	12	..	24	3	25	..	12	1	17	..	10	..	4	..	4	5
Tub. Meng. and Acute Hydroceph.	..	1	1	..	1	2	..	..	2	2	..	1	1	2	2	..	1	..	..	8	8
Other Tuber- culous Dis- eases	1	2	3	..	1	1	3	5	3	4	1	1	3	3	1	..	2	..	2	16	20
Rheumatic Fever	..	..	..	..	..	..	..	1	..	..	..	1	..	1	..	..	..	..	..	3	3
Acute & Sub- acute Rheu- matism	1	1	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	1	3	4
Cancer, Mal- ignant Dis- ease	..	12	..	11	..	13	..	10	..	19	..	3	..	16	..	14	..	4	..	14	..
Meningitis	..	1	..	5	1	3	..	7	1	2	1	1	2	1	..	3	..	..	5	23	28
Heart Disease	..	23	..	13	..	26	..	21	..	29	..	14	1	26	..	20	..	3	..	2	1
Bronchitis	7	23	8	14	6	9	11	12	7	23	5	10	8	18	3	15	..	7	..	3	55
Broncho- pneumonia	8	3	8	2	7	3	11	5	9	2	7	1	6	4	3	..	1	1	1	..	61
Pneumonia (all other forms)	2	11	2	6	2	8	2	9	8	16	2	3	2	6	1	5	3	3	..	3	24
Other diseas- es of Respir- atory organs	..	3	..	5	..	3	..	3	..	1	..	1	..	2	..	2	..	..	..	2	..
Diarrhoea	..	..	..	..	1	..	..	..	..	3	..	..	..	..	..	..	..	..	..	4	..
Enteritis	1	..	4	1	2	1	2	..	6	..	3	..	1	2	2	..	1	..	..	19	4
Appendicitis & Typhlitis	..	3	..	1	..	..	..	1	1	..	..	..	..	1	..	2	..	..	3	1	
Alcoholism	..	1	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	4	4
Cirrhosis of Liver	..	3	..	..	..	2	..	..	..	3	..	2	..	1	..	1	..	..	..	12	12
Nephritis & Bright's Disease	..	9	..	7	..	11	..	9	..	6	..	3	..	6	..	5	..	2	..	2	..
Puerperal Fever	..	..	..	..	..	2	..	1	..	..	..	..	..	..	2	..	1	..	..	6	6
Other acci- dents and Dis. of Preg- nancy and Parturition	..	1	..	3	..	1	..	2	..	2	..	1	..	..	..	2	..	1	..	13	13
Congenital Debility & Malforma- tion inclu- ding Prem- ature Birth	17	..	10	..	15	..	13	..	19	..	13	..	11	..	5	..	3	..	5	..	
Violent D's excluding Suicide	2	2	..	6	3	7	1	4	..	8	2	1	..	2	1	4	..	3	2	9	11
Suicides	..	..	..	..	..	3	..	1	..	1	..	..	..	1	..	..	..	..	1	..	7
Other defin- ed Diseases	5	51	10	33	12	62	21	42	11	61	8	29	15	46	6	39	2	22	1	18	91
Diseases ill- defined or unknown	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals..	51	172	63	131	56	172	78	165	78	207	44	84	55	164	33	125	12	56	11	64	481
	223		194		228		243		285		128		219		158		68		75		
Mortality per 1,000 per an.	13.5		16.7		16.8		18.7		16.1		12.9		15.2		12.6		13.3				15.9

\* Whether of "Residents" or "Non-Residents" occurring within the City.

The 1,343 deaths over five include 3 "no home," two died in the Leeds Workhouse, one from phthisis and one from "violent death," and one in the Bramley Workhouse from "other defined disease" included in the Institution deaths and the totals, but not in any of the other columns.



**B. I.** **TABLE B, Part I. (SUB-DISTRICTS.)**

TABLE OF POPULATION, BIRTHS, AND OF NEW CASES OF INFECTIOUS SICKNESS, coming to the knowledge of the Medical Officer of Health, during the 53 weeks of 1913, in the Urban Sanitary District of Leeds; classified according to Diseases, Ages, and Localities.

Names of Localities adopted for the purpose of these Statistics.	Population at all ages.		Registered Births.	Aged under 5, 5 under 15, 15 upwards.	New Cases of Sickness in each Locality, coming to the knowledge of the Medical Officer of Health.													Number of such Cases Removed from their Homes in the several Localities for Treatment in the Isolation Hospitals.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	Census, 1911.	Estimated to middle of 1913.			Small-pox.	Scarlatina.	Diphtheria.	Membranous Croup.	Typhus.	Fever.				Cholera.	Erysipelas.	Other.	TOTAL.	Small-pox.	Scarlatina.	Diphtheria.	Membranous Croup.	Typhus.	Enteric or Typhoid.	Continued.	Relapsing.	Puerperal.	Cholera.	Erysipelas.	Other.	TOTAL.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
										1	2	3	4																		5	6	7	8	9	10	11	12	13	1	2	3	4	5	6	7	8	9	10	11	12	13																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
New Districts.				(c)	(d)	(e)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

Notification has been compulsory since the first of May, 1894. The Small-pox Hospital is at Killingbeck, outside the town. New wards for general fever cases were opened on the Manston estate in October, 1898, and further extensions were made and completed in October, 1904. The use of the Fever Hospital in Beckett Street (the old House of Recovery) was discontinued in November, 1904, the fever cases being treated entirely in the new hospital at Manston, except that, for a short time during the furnishing, the hitherto unused Small-pox hospital at Killingbeck was utilised for the purpose. The wards of the new Small-pox hospital at Killingbeck are a quarter of a mile away from any of the buildings on the Manston estate. Two cases of scarlet fever, one of diphtheria, and one of erysipelas, admitted to Manston Hospital, came from outside the city, and are not included in this table. Also twenty-four members of the Manston Hospital staff were admitted to Manston, sixteen for scarlet fever, and eight for diphtheria, all except one over fifteen. None of these twenty-four are counted. The two cases of "other" disease mentioned in note on Table B for 1912, reported in 1912, but hospitalised in 1913, are not included above.



B. 2.

TABLE B, Part 2. (Wards).

Names of Localities adopted for the purpose of these Statistics.	Population at all ages.		Aged under 5, 5 under 15, 15 upwards.	New Cases of Sickness in each Locality, coming to the knowledge of the Medical Officer of Health.												
	Census, 1911.	Estimated to middle of 1913.		1	2	3	4	5	6	7	8	9	10	11	12	13
				Small-pox.	Scarlatina.	Diphtheria.	Membranous Croup.	Fevers.					Cholera.	Erysipelas.	Other.	TOTAL.
								Typhus.	Enteric or Typhoid.	Continued	Relapsing.	Puerperal.				
(a)	(b)	(c)	(d)													
Central .. ..	14,503	12,947	Under 5, 5 under 15, 15 upwards.	..	5	3	1	..	..	..	..	..	..	..	3	12
				..	7	8	..	..	..	..	..	..	..	1	16	
				..	5	2	..	..	3	..	..	1	..	14	3	28
North .. ..	41,968	42,736	Under 5, 5 under 15, 15 upwards.	..	37	8	..	..	..	..	..	..	..	1	4	50
				..	47	40	..	..	..	..	..	..	..	2	43	132
				..	18	21	..	..	7	..	..	6	..	34	17	103
North-East .. ..	36,239	37,954	Under 5, 5 under 15, 15 upwards.	..	13	26	..	..	..	..	..	..	..	1	6	46
				..	44	93	..	..	..	..	..	..	..	2	87	226
				..	12	18	..	..	8	..	..	3	..	24	7	72
New Ward .. ..	7,398	7,772	Under 5, 5 under 15, 15 upwards.	..	5	2	..	..	..	..	..	..	..	..	1	8
				..	7	14	..	..	..	..	..	..	..	4	4	26
				..	..	8	..	..	1	..	..	..	..	..	..	17
East .. ..	34,701	36,235	Under 5, 5 under 15, 15 upwards.	..	19	16	..	..	1	..	..	..	..	3	5	44
				..	45	10	1	..	4	..	..	..	..	5	5	70
				..	7	13	..	..	10	..	..	3	..	41	16	90
South .. ..	12,562	11,967	Under 5, 5 under 15, 15 upwards.	..	3	3	..	..	..	..	..	..	..	1	1	8
				..	10	7	..	..	..	..	..	..	..	3	6	26
				..	8	7	..	..	4	..	..	1	..	9	7	36
East Hunslet .. ..	33,562	33,589	Under 5, 5 under 15, 15 upwards.	..	39	23	..	..	1	..	..	..	..	2	7	72
				..	99	36	1	..	1	..	..	..	..	3	14	154
				..	10	11	..	..	2	..	..	2	..	28	4	57
West Hunslet .. ..	35,766	37,323	Under 5, 5 under 15, 15 upwards.	..	40	34	..	..	..	..	..	..	..	2	10	86
				..	87	56	..	..	..	..	..	..	..	2	9	154
				..	13	16	..	..	4	..	..	3	..	30	7	73
Holbeck .. ..	29,679	30,113	Under 5, 5 under 15, 15 upwards.	..	6	25	..	..	..	..	..	..	..	1	3	35
				..	41	52	2	..	..	..	..	..	..	2	9	106
				..	5	16	..	..	3	..	..	4	..	30	7	65
Mill Hill .. ..	5,856	5,405	Under 5, 5 under 15, 15 upwards.	..	4	5	..	..	..	..	..	..	..	1	..	10
				..	11	2	..	..	..	..	..	..	..	1	..	14
				..	1	2	..	..	1	..	..	1	..	5	4	14
West .. ..	20,553	19,747	Under 5, 5 under 15, 15 upwards.	..	19	8	2	..	..	..	..	..	..	1	4	34
				..	68	18	..	..	2	..	..	..	..	1	5	94
				..	9	6	..	..	3	..	..	2	..	19	2	41
North-West .. ..	30,570	30,169	Under 5, 5 under 15, 15 upwards.	..	17	7	..	..	..	..	..	..	..	2	5	31
				..	84	14	..	..	..	..	..	..	..	1	1	100
				..	18	12	..	..	3	..	..	4	..	17	5	59
Brunswick .. ..	23,219	23,298	Under 5, 5 under 15, 15 upwards.	..	16	6	..	..	..	..	..	..	..	..	1	23
				..	28	14	..	..	1	..	..	..	..	..	3	46
				..	5	15	..	..	4	..	..	1	..	18	10	53
New Wortley .. ..	16,714	16,230	Under 5, 5 under 15, 15 upwards.	..	3	5	1	..	..	..	..	..	..	..	1	10
				..	17	5	1	..	..	..	..	..	..	1	4	28
				..	3	5	..	..	..	..	..	..	..	9	2	19
Armley and Wortley	37,419	37,701	Under 5, 5 under 15, 15 upwards.	..	25	17	..	..	..	..	..	..	..	1	2	45
				..	64	29	..	..	..	..	..	..	..	..	7	100
				..	12	11	..	..	2	..	..	2	..	19	8	54
Bramley .. ..	23,937	24,485	Under 5, 5 under 15, 15 upwards.	..	21	11	..	..	..	..	..	..	..	..	3	35
				..	59	8	..	..	2	..	..	..	..	..	5	74
				..	14	7	..	..	9	..	..	4	..	18	2	54
Headingley .. ..	48,302	49,624	Under 5, 5 under 15, 15 upwards.	..	33	23	1	..	..	..	..	..	..	..	4	61
				..	115	42	..	..	..	..	..	..	..	2	8	167
				..	17	22	..	..	9	..	..	4	..	25	8	85
Totals .. ..	452,948	457,295	Under 5, 5 under 15, 15 upwards.	..	305	222	5	..	2	..	..	..	..	16	60	610
				..	833	448	5	..	10	..	..	..	..	25	212	1533
				..	157	192	..	..	73	..	..	41	..	344	113	920
Grand total ..	..	..	..	..	1295	862	10	..	85	..	..	41	..	385	385	3063

**TABLE B, Part 2.—Wards** (*continued*).

Names of Localities adopted for the purpose of these Statistics.	Population at all ages.		Aged under 5, 5 under 15, 15 upwards.	Number of such Cases Removed from their Homes in the several Localities for Treatment in Isolation Hospitals.												
	Census, 1911.	Estimated to middle of 1913.		1	2	3	4	5	6	7	8	9	10	11	12	13
				Small-pox.	Scarlatina.	Diphtheria.	Membranous Croup.	Fevers.					Cholera.	Erysipelas.	Other.	TOTAL.
								Typhus.	Enteric or Typhoid.	Continued	Relapsing.	Puerperal				
(a)	(b)	(c)	(d)													
Central ..	14,503	12,947	Under 5,	..	5	2	1	..	..	..	..	..	..	..	3	11
			5 under 15,	..	6	8	..	..	..	..	..	..	..	1	15	
			15 upwards.	..	5	2	..	..	2	..	..	1	..	3	13	
North ..	41,968	42,736	Under 5,	..	33	6	..	..	..	..	..	..	..	..	3	42
			5 under 15,	..	36	22	..	..	..	..	..	..	..	16	74	
			15 upwards.	..	18	13	..	..	4	..	..	..	..	17	52	
North-East ..	36,239	37,954	Under 5,	..	11	21	..	..	..	..	..	..	..	..	4	36
			5 under 15,	..	40	66	..	..	..	..	..	..	..	11	118	
			15 upwards.	..	11	12	..	..	5	..	..	1	..	3	6	38
New Ward ..	7,398	7,772	Under 5,	..	5	2	..	..	..	..	..	..	..	..	1	8
			5 under 15,	..	5	10	..	..	..	..	..	..	..	5	20	
			15 upwards.	..	..	5	..	..	..	..	..	..	2	4	11	
East ..	34,701	36,235	Under 5,	..	18	13	..	..	1	..	..	..	..	..	5	37
			5 under 15,	..	44	10	1	..	4	..	..	..	..	1	5	65
			15 upwards.	..	7	11	..	..	9	..	..	..	..	7	16	50
South ..	12,562	11,967	Under 5,	..	3	2	..	..	..	..	..	..	..	..	1	6
			5 under 15,	..	10	6	..	..	..	..	..	..	..	1	6	23
			15 upwards.	..	8	3	..	..	4	..	..	..	..	2	6	23
East Hunslet ..	33,562	33,589	Under 5,	..	39	14	..	..	..	..	..	..	..	..	7	60
			5 under 15,	..	95	32	1	..	1	..	..	..	..	13	142	
			15 upwards.	..	9	7	..	..	1	..	..	..	3	4	24	
West Hunslet ..	35,766	37,323	Under 5,	..	38	30	..	..	..	..	..	..	..	..	10	78
			5 under 15,	..	83	51	..	..	..	..	..	..	..	1	9	144
			15 upwards.	..	13	12	..	..	3	..	..	2	..	6	7	43
Holbeck ..	29,679	30,113	Under 5,	..	6	22	..	..	..	..	..	..	..	..	3	31
			5 under 15,	..	39	48	2	..	..	..	..	..	..	..	9	98
			15 upwards.	..	4	15	..	..	1	..	..	..	3	6	29	
Mill Hill ..	5,856	5,405	Under 5,	..	4	1	..	..	..	..	..	..	..	1	..	6
			5 under 15,	..	11	2	..	..	..	..	..	..	..	1	..	14
			15 upwards.	..	1	2	..	..	..	..	..	..	..	1	4	8
West ..	20,553	19,747	Under 5,	..	15	6	2	..	..	..	..	..	..	..	4	27
			5 under 15,	..	59	15	..	..	2	..	..	..	..	1	5	82
			15 upwards.	..	9	4	..	..	1	..	..	..	2	2	18	
North-West ..	30,570	30,169	Under 5,	..	14	6	..	..	..	..	..	..	..	2	5	27
			5 under 15,	..	82	12	..	..	..	..	..	..	..	..	1	95
			15 upwards.	..	16	9	..	..	3	..	..	..	2	5	35	
Brunswick ..	23,219	23,298	Under 5,	..	12	5	..	..	..	..	..	..	..	..	1	18
			5 under 15,	..	24	9	..	..	1	..	..	..	..	..	3	37
			15 upwards.	..	4	9	..	..	4	..	..	..	3	10	30	
New Wortley ..	16,714	16,230	Under 5,	..	3	4	..	..	..	..	..	..	..	..	1	8
			5 under 15,	..	16	4	1	..	..	..	..	..	..	..	3	24
			15 upwards.	..	3	4	..	..	..	..	..	..	..	2	9	
Armley and Wortley	37,419	37,701	Under 5,	..	24	13	..	..	..	..	..	..	..	..	2	39
			5 under 15,	..	57	19	..	..	..	..	..	..	..	7	83	
			15 upwards.	..	10	8	..	..	1	..	..	..	1	8	28	
Bramley ..	23,937	24,485	Under 5,	..	19	10	..	..	..	..	..	..	..	..	2	31
			5 under 15,	..	51	7	..	..	2	..	..	..	..	..	5	65
			15 upwards.	..	14	5	..	..	9	..	..	..	..	2	30	
Headingley ..	48,302	49,624	Under 5,	..	24	16	..	..	..	..	..	..	..	..	4	44
			5 under 15,	..	101	24	..	..	..	..	..	..	..	..	6	131
			15 upwards.	..	15	15	..	..	5	..	..	1	..	4	8	48
Totals ..	452,948	457,295	Under 5,	..	273	173	3	..	1	..	..	..	..	3	56	509
			5 under 15,	..	759	345	5	..	10	..	..	..	..	6	105	1230
			15 upwards.	..	147	136	..	..	52	..	..	5	..	39	110	489
Grand total ..	..	..	..	..	1179	654	8	..	63	..	..	5	..	48	271	2228



New cases of Infectious Sickness heard of in the several Sub-districts and Wards of the City of Leeds during the thirteen weeks ended 29th March, 1913.

		Where treated.	Small-pox.	Scarlet fever.	Diphtheria.	Membranous croup.	Typhus fever.	Typhoid fever.	Continued fever.	Puerperal fever.	Erysipelas.	Cholera.	Other.	TOTALS.
SUB-DISTRICTS (altered).	North .....	{ Hosp.	...	29	15	...	...	...	...	...	...	...	5	49
		{ Home	...	8	6	...	...	...	...	I	17	...	...	32
	North East .....	{ Hosp.	...	20	26	...	...	I	...	...	2	...	9	58
		{ Home	...	2	12	...	...	...	...	...	7	...	...	21
	West .....	{ Hosp.	...	36	13	...	...	I	...	...	2	...	7	59
		{ Home	...	2	3	...	...	I	...	I	11	...	...	18
	South-East .....	{ Hosp.	...	22	7	...	...	...	...	I	2	...	8	40
		{ Home	...	I	2	...	...	...	...	I	13	...	...	17
	Hunslet .....	{ Hosp.	...	70	28	..	...	2	...	I	5	...	12	118
		{ Home	...	I	6	...	...	...	...	I	18	...	...	26
Holbeck .....	{ Hosp.	...	11	26	I	...	...	...	...	I	...	4	43	
	{ Home	...	...	5	...	...	...	...	...	10	...	...	15	
Wortley .....	{ Hosp.	...	30	8	...	...	...	...	...	...	...	6	44	
	{ Home	...	3	4	...	...	...	...	2	7	...	I	17	
Kirkstall .....	{ Hosp.	...	25	6	...	...	...	...	...	...	...	4	35	
	{ Home	...	5	12	...	...	...	...	I	6	...	...	24	
Bramley .....	{ Hosp.	...	19	9	...	...	8	...	...	...	...	4	40	
	{ Home	...	I	2	...	...	...	...	...	5	...	I	9	
WARDS.	Central .....	{ Hosp.	...	5	3	...	...	...	...	I	...	...	...	9
		{ Home	...	...	...	...	...	...	...	...	4	...	...	4
	North .....	{ Hosp.	...	17	6	...	...	...	...	...	...	..	2	25
		{ Home	...	2	5	...	...	...	...	I	13	...	...	21
	North-East .....	{ Hosp.	...	17	13	...	...	I	...	...	I	...	5	37
		{ Home	...	2	6	...	...	...	...	...	6	...	...	14
	New Ward .....	{ Hosp.	...	3	13	...	...	...	...	...	I	...	4	21
		{ Home	...	...	6	...	...	...	...	...	I	...	...	7
	East.....	{ Hosp.	...	17	3	...	...	...	...	...	2	...	8	30
		{ Home	...	I	2	...	...	...	...	I	8	...	...	12
	South .....	{ Hosp.	...	4	I	...	...	...	...	...	I	..	I	7
		{ Home	...	...	...	...	...	...	...	...	4	...	...	4
	East-Hunslet .....	{ Hosp.	...	29	5	...	...	...	...	..	...	...	4	38
		{ Home	...	I	4	...	...	...	...	I	7	...	..	13
	West-Hunslet.....	{ Hosp.	...	41	28	...	...	2	...	I	4	...	8	84
		{ Home	...	...	3	...	...	..	...	...	8	...	...	11
	Holbeck .....	{ Hosp.	...	7	21	I	...	...	...	...	I	...	3	33
		{ Home	...	...	4	...	...	...	...	...	10	...	...	14
	Mill Hill.....	{ Hosp.	...	3	...	...	...	...	...	...	I	...	2	6
		{ Home	..	...	I	...	...	...	...	...	I	...	...	2
West .....	{ Hosp.	...	22	8	...	...	...	I	...	...	...	2	33	
	{ Home	...	2	I	...	...	...	I	...	7	...	...	11	
North-West .....	{ Hosp.	...	11	5	...	...	...	...	...	I	...	3	20	
	{ Home	...	...	I	...	...	...	...	I	3	...	...	5	
Brunswick .....	{ Hosp.	...	12	9	...	...	...	...	...	...	...	3	24	
	{ Home	...	6	I	...	...	...	...	...	4	...	...	11	
New Wortley.....	{ Hosp.	...	2	I	...	...	...	...	...	...	...	...	3	
	{ Home	...	...	...	...	...	...	...	...	4	...	I	5	
Armley & Wortley	{ Hosp.	...	27	7	...	...	...	..	...	...	...	6	40	
	{ Home	...	2	4	...	...	...	...	I	3	...	...	10	
Bramley .....	{ Hosp.	...	20	9	...	...	8	...	...	...	...	4	41	
	{ Home	...	2	2	...	...	...	...	I	5	...	I	11	
Headingley.....	{ Hosp.	...	25	6	...	...	...	...	...	...	...	4	35	
	{ Home	...	5	12	...	...	...	...	I	6	...	...	24	
CITY .....	{ Hosp.	...	262	138	I	...	12	...	2	12	...	59	486	
	{ Home	...	23	52	...	...	I	...	7	94	...	2	179	
	{ Cases	...	285	190	I	...	13	...	9	106	...	61	665	

Four nurses contracted scarlet fever, and one porter diphtheria. These are not included in the 262 and 138 given above. All were treated in hospital. In addition to the 486 cases hospitalled (out of the 665 reported during the quarter) two cases of "other" disease which had been reported in the previous quarter were also taken to hospital.



New cases of Infectious Sickness heard of in the several Sub-districts and Wards of the City of Leeds during the thirteen weeks ended 28th June, 1913.

		Where treated.	Small-pox.	Scarlet fever.	Diphtheria.	Membranous croup.	Typhus fever.	Typhoid fever.	Continued fever.	Puerperal fever.	Erysipelas.	Cholera.	Other.	TOTALS.		
SUB-DISTRICTS (altered).	North .....	{ Hosp.	...	46	23	...	...	1	...	...	1	...	25	96	154	
		{ Home	...	2	17	...	...	...	...	1	13	...	25	58		
	North East .....	{ Hosp.	...	25	29	...	...	1	...	...	1	...	15	71	177	
		{ Home	...	4	20	...	...	2	...	2	5	...	73	106		
	West .....	{ Hosp.	...	37	18	...	...	4	...	...	1	...	8	68	83	
		{ Home	...	4	2	...	...	1	...	2	6	...	...	15		
	South-East .....	{ Hosp.	...	38	9	1	...	1	...	...	...	...	14	63	77	
		{ Home	...	...	2	...	...	...	...	2	10	...	...	14		
	Hunslet .....	{ Hosp.	...	55	25	1	...	1	...	...	...	...	14	96	121	
		{ Home	...	4	6	...	...	...	...	2	13	...	...	25		
Holbeck .....	{ Hosp.	...	17	35	...	...	...	...	...	1	...	5	58	70		
	{ Home	...	3	3	...	...	1	...	1	3	...	1	12			
Wortley .....	{ Hosp.	...	32	14	...	...	...	...	...	1	...	6	53	67		
	{ Home	...	3	3	...	...	...	...	1	7	...	...	14			
Kirkstall .....	{ Hosp.	...	33	5	...	...	2	...	1	3	...	2	46	63		
	{ Home	...	5	4	...	...	1	...	1	5	...	1	17			
Bramley .....	{ Hosp.	...	9	5	...	...	...	...	...	...	...	3	17	24		
	{ Home	...	2	1	...	...	...	...	1	3	...	...	7			
WARDS.	Central .....	{ Hosp.	...	5	2	...	...	1	...	...	...	...	2	10	14	
		{ Home	...	...	1	...	...	...	...	...	3	...	...	4		
	North .....	{ Hosp.	...	30	19	...	...	1	...	...	...	...	21	71	120	
		{ Home	...	2	13	...	...	...	...	...	9	...	25	49		
	North-East .....	{ Hosp.	...	21	26	...	...	1	...	...	...	...	13	61	162	
		{ Home	...	2	19	...	...	1	...	2	4	...	73	101		
	New Ward .....	{ Hosp.	...	4	3	...	...	...	...	...	1	...	2	10	15	
		{ Home	...	2	1	...	...	1	...	...	1	...	...	5		
	East .....	{ Hosp.	...	32	7	1	...	...	...	...	...	...	8	48	58	
		{ Home	...	...	1	...	...	...	...	2	7	...	...	10		
	South .....	{ Hosp.	...	3	5	...	...	1	...	...	...	...	6	15	19	
		{ Home	...	...	2	...	...	...	...	1	1	...	...	4		
	East-Hunslet .....	{ Hosp.	...	26	14	1	...	...	...	...	...	...	7	48	60	
		{ Home	...	2	3	...	...	...	...	...	7	...	...	12		
	West-Hunslet .....	{ Hosp.	...	31	11	...	...	...	...	...	...	...	5	47	60	
		{ Home	...	4	3	...	...	...	...	1	5	...	...	13		
	Holbeck .....	{ Hosp.	...	13	30	...	...	...	...	...	1	...	5	49	57	
		{ Home	...	1	1	...	...	1	...	1	3	...	1	8		
	Mill Hill .....	{ Hosp.	...	4	4	...	...	...	...	...	...	...	2	10	13	
		{ Home	...	...	...	...	...	1	...	1	1	...	...	3		
	West .....	{ Hosp.	...	17	6	...	...	1	...	...	...	1	...	4	29	35
		{ Home	...	4	1	...	...	...	...	1	...	...	...	6		
	North-West .....	{ Hosp.	...	16	8	...	...	...	3	...	...	...	2	29	35	
		{ Home	...	...	1	...	...	...	...	...	5	...	...	6		
	Brunswick .....	{ Hosp.	...	16	4	...	...	...	...	...	...	1	...	4	25	34
		{ Home	...	...	4	...	...	...	...	...	1	4	...	9		
	New Wortley .....	{ Hosp.	...	4	3	...	...	...	...	...	...	...	2	9	11	
		{ Home	...	1	1	...	...	...	...	...	...	...	...	2		
	Armley & Wortley .....	{ Hosp.	...	20	11	...	...	...	...	...	1	...	3	35	44	
		{ Home	...	2	2	...	...	...	...	1	4	...	...	9		
	Bramley .....	{ Hosp.	...	17	5	...	...	...	...	...	...	...	4	26	36	
		{ Home	...	2	1	...	...	...	...	1	6	...	...	10		
	Headingley .....	{ Hosp.	...	33	5	...	...	2	...	1	3	...	2	46	63	
		{ Home	...	5	4	...	...	1	...	1	5	...	1	17		
CITY .....	{ Hosp.	...	292	163	2	...	10	...	1	8	...	92	568	836		
	{ Home	...	27	58	...	...	5	...	13	65	...	100	268			
	Cases	...	319	221	2	...	15	...	14	73	...	192	836			

Two nurses, one maid, and one stable boy contracted scarlet fever. All were treated in hospital. These are not included in the 292 given above.

B. 5.

New cases of Infectious Sickness heard of in the several Sub-districts and Wards of the City of Leeds during the thirteen weeks ended 27th September, 1913.

		Where treated.	Small-pox.	Scarlet fever.	Diphtheria.	Membranous croup.	Typhus fever.	Typhoid fever.	Continued fever.	Puerperal fever.	Erysipelas.	Cholera.	Other.	TOTALS.
SUB-DISTRICTS (altered).	North .....	{ Hosp. ... 18 Home ... 5	14 8	...	...	4 2	...	...	...	...	...	...	15	51 } 77 26 }
	North East .....	{ Hosp. ... 12 Home ... 1	33 7	...	...	...	...	...	...	...	8	...	4	49 } 65 16 }
	West .....	{ Hosp. ... 68 Home ... 9	10 6	...	...	1	...	...	...	2	1 9	...	7	87 } 113 26 }
	South-East .....	{ Hosp. ... 19 Home ... 2	12	...	...	2 1	...	...	...	2	17	...	10	45 } 65 20 }
	Hunslet .....	{ Hosp. ... 73 Home ... 2	40 11	...	...	...	3	...	...	2	15	...	18 1	133 } 166 33 }
	Holbeck .....	{ Hosp. ... 13 Home ... 2	16 1	...	...	...	1	...	...	1	11	...	6	36 } 52 16 }
	Wortley .....	{ Hosp. ... 29 Home ... 6	11 5	1 1	...	1	...	...	...	...	8	...	9	51 } 71 20 }
	Kirkstall .....	{ Hosp. ... 35 Home ... 3	22 6	...	...	...	1	...	...	...	3	...	6	63 } 78 15 }
	Bramley .....	{ Hosp. ... 8 Home ... 1	4	...	...	...	...	...	...	...	...	...	...	12 } 17 5 }
WARDS.	Central .....	{ Hosp. ... 2 Home ... 1	2	...	...	1 1	...	...	...	...	...	...	3	8 } 14 6 }
	North .....	{ Hosp. ... 12 Home ... 2	9 5	...	...	2 2	...	...	...	...	...	...	11	34 } 53 19 }
	North-East .....	{ Hosp. ... 11 Home ... 1	32 7	...	...	...	...	...	...	...	8	...	1	44 } 60 16 }
	New Ward .....	{ Hosp. ... 1 Home ...	1	...	...	...	...	...	...	...	...	...	3	5 } 5 ...
	East.....	{ Hosp. ... 13 Home ... 1	10	...	...	1	...	...	...	...	1 13	...	5	30 } 44 11 }
	South .....	{ Hosp. ... 11 Home ...	3 1	...	...	...	...	...	...	...	1 3	...	5 1	20 } 25 5 }
	East-Hunslet .....	{ Hosp. ... 44 Home ... 2	23 6	...	...	...	2	...	...	...	2 7	...	7	76 } 94 18 }
	West-Hunslet.....	{ Hosp. ... 27 Home ...	15 5	...	...	...	1	...	...	...	7	...	8	50 } 63 13 }
	Holbeck .....	{ Hosp. ... 8 Home ... 2	15	...	...	...	1	...	...	...	1 9	...	6	30 } 43 13 }
	Mill Hill.....	{ Hosp. ... 5 Home ...	...	...	...	...	...	...	...	...	2	...	...	5 } 8 3 }
	West .....	{ Hosp. ... 23 Home ... 5	6 2	...	...	1	...	...	...	...	...	...	3	33 } 45 12 }
	North-West .....	{ Hosp. ... 40 Home ... 4	4 3	...	...	...	...	...	...	...	1 3	...	4	49 } 60 11 }
	Brunswick .....	{ Hosp. ... 6 Home ... 3	5 3	...	...	2	...	...	...	...	...	...	4	17 } 24 7 }
	New Wortley .....	{ Hosp. ... 6 Home ...	5	1 1	...	...	...	...	...	...	...	...	2	14 } 17 3 }
	Armley & Wortley	{ Hosp. ... 22 Home ... 5	6 5	...	...	...	...	...	...	...	6	...	7	35 } 51 16 }
	Bramley .....	{ Hosp. ... 9 Home ... 2	4	...	...	1	...	...	...	...	...	...	...	14 } 20 6 }
	Headingley.....	{ Hosp. ... 35 Home ... 3	22 6	...	...	...	1	...	...	...	...	...	6	63 } 78 15 }
CITY .....		{ Hosp. ... 275 Home ... 31	162 44	1 2	...	8 8	...	...	...	6 82	...	75 1	527 } 704 177 }	
		Cases	306 206	3	...	16	...	9	88	...	76	704		

Seven nurses and one maid contracted scarlet fever, and one nurse diphtheria. These are not included in the 275 and 162 given above. All were treated in hospital.



New cases of Infectious Sickness heard of in the several  
Sub-districts and Wards of the City of Leeds during the  
fourteen weeks ended 3rd January, 1914.

		Where treated.	Small- pox.	Scar- let fever.	Diph- theria.	Mem- bran- ous croup.	Ty- phus fever.	Ty- phoid fever.	Con- tinued fever.	Puer- peral fever.	Erysi- pelas.	Cho- lera.	Other.	TOTALS.	
SUB-DISTRICTS (altered).	North .....	{ Hosp.	...	34	12	...	...	4	...	...	2	...	5	57	95
		{ Home	...	9	9	...	...	1	...	1	15	...	3	38	
	North East .....	{ Hosp.	...	15	28	...	...	3	...	1	3	...	3	53	74
		{ Home	...	2	6	...	...	2	...	...	5	...	6	21	
	West .....	{ Hosp.	...	70	16	2	...	...	...	...	6	...	4	98	124
		{ Home	...	5	6	...	...	1	...	2	12	...	...	26	
	South-East .....	{ Hosp.	...	11	20	1	...	13	...	...	5	...	7	57	77
		{ Home	...	...	2	...	...	1	...	...	17	...	...	20	
	Hunslet .....	{ Hosp.	...	76	47	...	...	6	...	1	5	...	12	147	174
{ Home		...	1	9	...	...	...	...	...	16	...	1	27		
Holbeck .....	{ Hosp.	...	27	23	1	...	1	...	...	...	...	4	56	71	
	{ Home	...	1	3	...	...	...	...	2	9	...	...	15		
Wortley .....	{ Hosp.	...	40	19	...	...	2	...	...	...	...	4	65	86	
	{ Home	...	1	8	..	...	1	...	...	11	...	...	21		
Kirkstall .....	{ Hosp.	...	47	22	...	...	3	...	...	1	...	6	79	113	
	{ Home	...	12	10	...	...	2	...	...	9	...	1	34		
Bramley .....	{ Hosp.	...	30	4	...	...	1	...	...	...	...	...	35	44	
	{ Home	...	4	1	...	...	...	...	2	2	...	...	9		
WARDS.	Central .....	{ Hosp.	...	4	5	1	...	...	...	...	...	...	2	12	15
		{ Home	...	...	...	...	...	...	...	...	3	...	...	3	
	North .....	{ Hosp.	...	28	7	...	...	1	...	...	...	..	2	38	66
		{ Home	...	9	5	...	...	1	...	1	9	...	3	28	
	North-East .....	{ Hosp.	...	13	28	...	...	3	...	1	3	...	2	50	71
		{ Home	...	2	6	...	...	2	...	..	5	...	6	21	
	New Ward .....	{ Hosp.	...	2	...	...	...	...	...	...	...	...	1	3	3
		{ Home	...	...	...	...	...	...	...	...	...	...	...	...	
	East.....	{ Hosp.	...	7	14	...	...	13	...	...	...	...	5	44	60
		{ Home	...	...	2	...	...	1	...	...	13	...	...	16	
	South .....	{ Hosp.	...	3	2	...	...	3	...	...	1	...	1	10	15
		{ Home	...	...	3	...	...	...	...	...	2	...	...	5	
	East-Hunslet .....	{ Hosp.	...	44	11	...	...	2	...	..	1	...	6	64	78
		{ Home	...	...	4	...	...	...	...	...	9	...	1	14	
	West-Hunslet.....	{ Hosp.	...	35	39	...	...	1	...	1	3	...	5	84	95
		{ Home	...	2	2	...	...	..	...	...	7	...	...	11	
	Holbeck .....	{ Hosp.	...	21	19	1	...	1	...	...	...	...	4	16	59
		{ Home	...	..	3	...	...	...	...	2	8	...	...	13	
	Mill Hill.....	{ Hosp.	...	4	1	...	...	...	...	...	2	...	...	7	9
		{ Home	..	...	2	...	...	...	...	...	...	...	...	2	
West .....	{ Hosp.	...	21	5	2	...	...	...	...	2	...	2	32	45	
	{ Home	...	2	3	...	...	1	...	...	7	...	...	13		
North-West .....	{ Hosp.	...	45	10	...	...	...	...	...	2	...	2	59	70	
	{ Home	...	3	1	...	...	...	...	2	5	...	...	11		
Brunswick .....	{ Hosp.	...	6	5	...	...	3	...	...	2	...	3	19	29	
	{ Home	...	...	4	...	...	...	...	...	6	...	...	10		
New Wortley.....	{ Hosp.	...	10	3	...	...	...	...	...	...	...	2	15	21	
	{ Home	...	...	2	...	...	...	...	...	4	...	...	6		
Armley & Wortley	{ Hosp.	...	22	16	...	...	1	...	...	...	...	1	40	54	
	{ Home	...	1	6	...	...	1	...	...	6	...	...	14		
Bramley .....	{ Hosp.	...	38	4	...	...	2	...	...	...	...	1	45	55	
	{ Home	...	4	1	...	...	...	...	2	3	...	...	10		
Headingley.....	{ Hosp.	...	47	22	...	...	3	...	...	1	...	6	79	113	
	{ Home	...	12	10	...	...	2	...	...	9	...	1	34		
CITY .....	{ Hosp. Home	...	350	191	4	...	33	...	2	22	...	45	647	858	
		...	35	54	...	...	8	...	7	96	...	11	211		
	{ Cases	...	385	245	4	...	41	...	9	118	...	56	858		

Four nurses and two maids contracted diphtheria. All were treated in hospital. These are not included in the 191 given above.



New cases of Infectious Sickness heard of in the several Sub-districts and Wards of the City of Leeds during the thirteen weeks ended 4th April, 1914.

		Where treated.	Small-pox.	Scarlet fever.	Diphtheria.	Membranous croup.	Typhus fever.	Typhoid fever.	Continued fever.	Puerperal fever.	Erysipelas.	Cholera.	Other.	TOTALS.
SUB-DISTRICTS (altered).	North .....	{ Hosp.	...	27	18	1	...	2	...	1	2	...	4	55
		{ Home	...	3	4	...	...	1	...	3	18	...	1	30
	North East .....	{ Hosp.	...	12	17	...	...	1	...	...	1	...	8	39
		{ Home	...	7	5	...	...	...	...	...	11	...	4	27
	West .....	{ Hosp.	...	54	17	1	...	5	...	...	6	...	2	85
		{ Home	...	7	3	...	...	1	...	2	20	...	...	33
	South-East .....	{ Hosp.	...	9	17	...	...	1	...	...	1	...	7	35
		{ Home	...	...	2	...	...	1	...	1	18	...	...	22
	Hunslet .....	{ Hosp.	...	30	36	4	...	3	...	...	2	...	7	82
		{ Home	...	3	13	...	...	1	...	1	22	...	4	44
WARDS.	Holbeck .....	{ Hosp.	...	31	16	...	...	...	...	...	1	...	1	49
		{ Home	...	...	2	...	...	...	...	3	13	...	...	18
	Wortley .....	{ Hosp.	...	58	19	...	...	1	...	...	1	...	9	88
		{ Home	...	8	3	..	...	1	...	...	19	...	1	32
	Kirkstall .....	{ Hosp.	...	47	25	...	...	1	...	...	...	...	7	80
		{ Home	...	6	7	...	...	...	...	2	15	...	1	31
	Bramley .....	{ Hosp.	...	14	4	...	...	2	...	...	1	...	1	22
		{ Home	...	...	...	...	...	...	...	1	...	...	1	2
	Central .....	{ Hosp.	...	2	8	...	...	1	...	...	...	...	2	13
		{ Home	...	...	...	...	...	1	...	...	4	...	...	5
WARDS.	North .....	{ Hosp.	...	20	13	...	...	2	...	...	...	..	4	39
		{ Home	...	1	4	..	...	1	...	3	13	...	...	22
	North-East .....	{ Hosp.	...	12	17	...	...	1	...	...	1	...	8	39
		{ Home	...	5	5	...	...	...	...	..	11	...	4	25
	New Ward .....	{ Hosp.	...	...	...	...	...	...	...	...	...	...	...	...
		{ Home	...	2	...	...	...	...	...	...	...	...	...	2
	East.....	{ Hosp.	...	7	7	...	...	...	...	...	1	...	5	20
		{ Home	...	...	1	...	...	...	...	1	13	...	...	15
	South .....	{ Hosp.	...	1	6	...	...	1	...	...	...	..	1	9
		{ Home	...	1	1	...	...	...	...	1	4	...	...	7
WARDS.	East-Hunslet .....	{ Hosp.	...	12	8	3	...	2	...	..	1	...	1	27
		{ Home	...	1	10	...	...	1	...	...	7	...	2	21
	West-Hunslet.....	{ Hosp.	...	28	28	1	...	...	...	...	1	...	5	63
		{ Home	...	1	5	...	...	..	...	...	15	...	2	23
	Holbeck .....	{ Hosp.	...	20	12	...	...	...	...	...	1	...	1	31
		{ Home	...	..	...	...	...	...	...	3	10	...	...	13
	Mill Hill.....	{ Hosp.	...	...	5	...	...	...	...	...	3	...	1	9
		{ Home	..	...	...	...	...	1	...	1	2	...	...	4
	West .....	{ Hosp.	...	7	9	1	...	1	...	...	3	...	...	21
		{ Home	...	3	1	...	...	...	...	1	7	...	...	12
WARDS.	North-West .....	{ Hosp.	...	47	3	...	...	4	...	...	...	...	1	55
		{ Home	...	4	2	...	...	...	...	...	11	...	...	17
	Brunswick .....	{ Hosp.	...	7	5	1	...	...	...	1	2	...	...	16
		{ Home	...	2	...	...	...	...	...	...	5	...	1	8
	New Wortley.....	{ Hosp.	...	15	9	...	...	...	...	...	...	...	3	27
		{ Home	...	2	2	...	...	...	...	...	3	...	1	8
	Armley & Wortley	{ Hosp.	...	40	10	...	...	1	..	...	...	...	6	57
		{ Home	...	6	1	...	...	...	...	...	13	...	...	20
	Bramley .....	{ Hosp.	...	17	4	...	...	2	...	...	2	...	1	26
		{ Home	...	...	...	...	...	1	...	1	3	...	1	6
WARDS.	Headingley.....	{ Hosp.	...	47	25	...	...	1	...	...	...	...	7	80
		{ Home	...	6	7	...	...	...	...	2	15	...	1	31
CITY .....	{ Hosp.	...	282	169	6	...	...	16	...	1	15	...	46	535
		{ Home	...	34	39	...	...	5	...	13	136	...	12	239
	Cases	...	...	316	208	6	...	21	...	11	151	...	58	774

One nurse and one maid contracted scarlet fever, three nurses and one maid diphtheria, and one nurse erysipelas. All were treated in hospital. These are not included in the 282, 169 and 15 given above.

Table shewing deaths recorded in the City of Leeds during the fifty-three weeks ended 3rd January, 1914, classified according to cause, age, and the registration sub-districts to which the patients belonged. Deaths in institutions allocated to districts to which patients belonged.

TOWNSHIPS, &c.    ..    ..    .. Estim. Pop., 457,295 ..		LEEDS.												Hunslet with Osmond. 70,751	Holbeck. 39,029		Wortley and Farnley. 58,104		Kirkstall with Meanwood. 49,624		Bramley. 20,311		Deaths of outsiders occurring in City.		TOTAL mortality in City.			Annual rate per 1,000 pop.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		North. 66,034				North E. 45,726				West. 55,323																			South E. 52,393																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5																under 5	over 5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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TABLE C. (continued).

TOWNSHIPS, &c. ..	LEEDS.						Hunslet with Osmond.	Holbeck.		Wortley and Farnley.		Kirkstall with Meanwood.		Bramley.		Deaths of outsiders occurring in City.		Total mortality in City.			Annual rate per 1,000 pop.
	North.		North E.		West.																
	under 5	over 5	under 5	over 5	under 5	over 5		under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	all ages.			
Under and over 5																					
Tabes mesenterica	..	..	..	..	..	..	..	..	1	2	..	1	..	..	..	1	25	4	29	0'06	
Tub. meningitis	..	5	5	4	..	10	6	7	2	5	5	3	3	1	1	..	43	33	76	0'16	
Hydrocephalu	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	1	5	0'01	
Phthisis ..	..	72	6	50	7	10	..	92	37	41	..	44	44	22	4	1	30	527	557	1'20	
Tub. peritonitis	..	4	1	2	3	4	1	3	1	4	8	2	5	1	..	..	28	22	50	0'11	
Other tuberculous	..	2	3	4	5	4	6	8	5	5	10	2	6	1	2	5	41	49	90	0'19	
Scrofula ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Anaemia ..	..	1	6	3	1	4	..	4	3	3	..	3	3	..	7	2	2	36	38	0'08	
Diabetes, &c ..	..	..	4	6	6	..	11	..	6	4	..	..	8	..	2	2	1	55	56	0'12	
Premature birth	27	..	20	..	24	..	37	..	..	..	..	..	..	..	..	..	231	..	231	0'50	
Malformations and atelectasis (25)	8	..	5	..	15	..	1	1	..	..	5	9	..	2	..	..	96	1	97	0'21	
Old age ..	..	41	..	21	..	33	..	63	27	31	..	34	..	19	..	4	..	310	310	0'67	
Brain disease	1	49	..	33	..	32	..	43	25	52	1	24	1	12	..	1	3	317	320	0'69	
Meningitis	8	9	4	6	4	13	14	1	2	4	1	2	3	1	2	..	51	50	101	0'22	
Apoplexy	..	9	..	3	..	11	..	21	8	5	..	..	4	5	5	2	..	69	69	0'15	
Paralysis	..	12	..	6	..	10	..	10	8	9	..	..	5	3	3	..	..	70	70	0'15	
Gen. paralysis— Insanity	..	4	..	..	1	1	..	1	2	2	..	..	1	1	..	..	1	11	12	0'03	
Epilepsy	..	..	..	..	4	..	..	4	1	3	..	3	..	2	2	..	..	18	18	0'04	
Convulsions	6	..	6	..	2	1	11	..	..	..	6	9	..	..	2	..	56	1	57	0'12	
Laryngismus stridulus	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	4	..	4	0'01	
Other diseases of nervous system	..	5	..	3	..	6	..	7	4	4	..	4	..	1	1	7	2	41	43	0'09	
Dis. of organs of special sense	..	2	..	..	1	3	4	2	1	3	..	1	1	..	..	6	8	20	28	0'06	
Endocarditis, &c.	..	44	..	19	..	46	..	38	27	50	..	37	..	19	..	8	..	320	320	0'69	
Pericarditis	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	2	1	3	0'01	
Heart disease	..	32	..	24	..	34	..	62	27	52	..	20	..	9	..	3	..	309	309	0'67	
Angina pectoris	..	1	..	3	..	8	..	4	..	3	..	..	..	1	..	1	..	21	21	0'05	
Syncope ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0'00
Aneurism	..	3	..	4	..	2	..	3	..	1	..	1	..	..	..	..	..	14	14	0'03	
Other circulatory	..	18	..	10	..	8	..	17	6	15	..	15	..	9	..	1	..	109	109	0'23	
Laryngitis	..	..	..	..	..	..	1	1	1	..	..	..	..	..	..	..	4	2	6	0'01	
Croup (membranous)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	0'00	
Croup (undefi ned)	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	1	2	0'00	
Bronchitis	14	58	17	46	12	62	26	82	40	75	26	44	44	14	8	5	151	199	650	1'40	
Broncho-pneumonia	24	8	25	1	25	9	42	12	5	11	20	8	4	4	5	2	226	61	287	0'62	
Pneumonia	12	17	4	19	9	33	27	39	11	24	4	15	15	10	1	4	77	210	287	0'62	
Pleuro-pneumonia	..	..	..	1	..	..	..	1	1	6	..	..	..	1	..	..	..	6	21	23	0'01
Pleurisy ..	..	1	1	5	..	1	..	2	..	..	..	..	..	..	..	..	..	21	72	77	0'05
Other respiratory	..	7	..	9	2	11	1	3	3	5	1	6	6	3	..	3	1	5	..	..	0'17



TOWNSHIPS, &c. ..	LEEDS.												Deaths of outsiders occurring in City.	TOTAL mortality in City.			Annual rate per 1,000 pop.				
	North.		North E.		West.		South E.		Holbeck.		Wortley and Farnley.			Kirkstall with Meanwood.		Bramley.		under 5	over 5	all ages.	
	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5	under 5	over 5		under 5	over 5	under 5					over 5
Under and over 5 {																					
Stomatitis ..	6	..	..	2	..	1	7	..	..	..	1	..	..	..	..	..	..	2	1	3	0'01
Dentition ..	2	1	..	3	..	3	..	..	..	..	5	..	..	..	..	..	..	40	..	40	0'09
Tonsil itis, &c ..	3	9	..	..	1	5	..	..	..	6	2	..	..	..	..	..	..	3	5	8	0'02
Dis. of stomach ..	15	2	..	8	4	21	4	9	3	12	6	18	6	..	..	..	..	40	57	97	0'21
Enteritis (Gastro 70) ..	..	2	..	..	1	2	..	5	3	..	2	..	3	2	..	..	..	114	14	128	0'28
Hernia ..	..	2	..	..	..	1	..	4	5	..	2	..	1	2	..	..	..	..	25	25	0'05
Fistula ..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peritonitis ..	1	..	..	..	1	2	..	2	..	..	2	1	..	..	..	..	..	3	11	14	0'03
Ascitis ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jaundice ..	3	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	6	1	7	0'02
Cirrhosis ..	..	4	..	..	..	10	..	3	7	..	6	..	9	..	..	..	..	..	51	51	0'11
Dis. of liver ..	1	5	..	..	3	6	2	2	4	..	2	..	5	..	..	..	..	3	44	47	0'10
Dis. of bowels ..	1	11	..	1	6	..	2	2	9	..	8	2	3	1	..	..	..	9	81	90	0'19
Disease of ductless glands ..	1	3	..	1	..	1	..	3	1	1	1	..	..	..	..	..	..	5	13	18	0'04
Nephritis ..	1	22	..	..	13	..	1	20	4	..	20	18	..	..	..	..	..	4	141	145	0'31
Kidney disease ..	..	15	..	1	3	..	..	13	5	..	10	8	..	..	..	..	..	1	61	62	0'13
Albuminuria ..	..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	1	0'00
Other urinary ..	..	..	..	..	2	1	..	2	..	1	3	1	..	..	..	..	..	1	12	13	0'03
Dis. of generative Organs ..	..	5	..	..	5	..	..	3	..	..	7	3	..	..	..	..	..	..	38	38	0'08
Childbirth ..	6	7	..	3	5	2	5	8	7	4	2	6	6	..	..	..	..	28	50	78	0'17
Disease of bones (23), Joints (1), arthritis (22)	..	7	..	..	5	1	..	5	5	..	4	3	3	..	..	..	..	4	42	46	0'10
Ulcer: Phlegmon (o) ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	0'00
Skin disease ..	1	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	3	1	4	0'01
Injury ..	7	21	..	5	18	6	19	26	20	3	6	11	27	51	226	277	277	51	226	277	0'60
Lead poisoning ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Mortification ..	..	2	..	..	1	..	1	1	..	..	1	2	3	..	..	..	..	..	12	12	0'03
Debility ..	8	..	..	5	..	6	5	..	..	3	6	5	..	..	..	..	..	46	..	46	0'10
Marasmus, Atrophy ..	23	..	..	13	..	18	19	19	..	9	19	12	..	..	4	..	..	144	..	144	0'31
Tumour ..	..	7	..	..	1	1	2	..	1	..	..	..	..	..	..	..	..	1	22	23	0'05
Abscess ..	1	2	..	3	1	1	1	4	3	..	2	1	3	..	..	..	..	10	19	29	0'06
Other causes ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total under 5 and over 5 ..	257	649	211	427	668	265	620	885	340	445	267	444	40	2,262	5,027	7,289	7,289	2,262	5,027	7,289	15'69
Total ..	906	638	1,008	18'9	15'7	885	15'5	18'9	15'1	16'9	886	604	281	7,289	..	..	..	..	..	..	..
Mortality per 1,000 per annum ..	13'5	13'7	18'9	15'7	18'9	15'5	15'7	18'9	15'1	16'9	15'0	12'0	..	..	..	..	..	..	..	..	..

The 5,027 deaths over five include 13 "no home," 11 died in the Leeds Workhouse, 3 from phthisis, 1 from lepto meningitis, 3 from heart disease, 1 from bronchitis, 1 from pneumonia, 1 from other urinary disease, and 1 from disease of generative organ, and 2 died in the General Infirmary from injury, included in the totals but not in any of the other columns.

## NOTES TO TABLE C.

This table is printed for the first time in the report for 1892. In it the causes of death are more detailed than in the other tables. They are classified as in Table A, part 2, according as the deaths were those of persons under or over the age of five. All the deaths which occurred in the following public institutions: the Infirmary, the Women and Children's Hospital, the Borough Fever and Small-pox Hospitals, the Leeds, Hunslet, Holbeck, Bramley Workhouses, and the Home for Consumptives at Armley (the latter for the first time in 1905), have been classified under the districts to which the patients belonged. The 281 deaths of persons who belonged to no district in the city have been separated in two columns by themselves, as deaths of outsiders; these deaths are, however, included in the total mortality of the city.

*Septicæmia* includes deaths from pyæmia (3), phlebitis (1), phagedæna (0), septicæmia (not puerperal) (12). *Parasitic* diseases include thrush (1). *Starvation* includes purpura hæmorrhagica (3), scurvy (1), privation and want of breast milk (4), malnutrition (13), and inanition (36 deaths). *Rheumatic fever* in reports previous to 1892 had only the deaths ascribed in those terms to this disease by the medical attendant. Deaths from acute and sub-acute rheumatism had previously been classed under "rheumatism." A separate line has been given, both in Table C and Table A, to prevent confusion and enable comparison. "*Rheumatism*" includes chronic rheumatism and disease simply described as "rheumatism" (see Report, 1893, page 144). *Anæmia* includes chlorosis (0), hæmophilia (1), but not leucocythemia; deaths from the latter have been referred to diseases of the *ductless glands*. In *malformations* are included cyanosis (2), patent foramen ovale (3), spina bifida (8), atelectasis (25), imperforate anus (4), cleft palate (2), harelip (5), and (48) other congenital defects.

*Brain disease* includes deaths registered from such causes as cerebral congestion, cerebral hæmorrhage, and softening of the brain. *Meningitis* includes diseases classified as meningitis (58), and spinal (1) meningitis, but not meningitis said to be tuberculous, cerebro-spinal meningitis (2), lepto meningitis (33), and basal meningitis (7). *Apoplexy* includes all apoplexies not otherwise defined. *Paralysis* includes hemiplegia, paraplegia, and "paralysis." *General paralysis* (5) is included under insanity, and does not include deaths from "softening of the brain." *Convulsions* includes diseases so certified, and deaths (0) due to "fits." Fits of apoplexy, &c., come under other headings. We have tried, as far as possible, to keep to the old headings.

*Endocarditis, &c.*, includes valvular disease of the heart. "Heart disease" includes such diseases as hypertrophy, atrophy, fatty degeneration, weak heart, cardiac disease or degeneration and "disease of the heart." *Angina pectoris* includes only those deaths in which the symptom but no disease is stated. *Aneurism* includes all the aneurisms so stated. *Other diseases of the circulatory system* includes atheroma. *Other respiratory diseases* includes asthma (17), emphysema (34), empyæma (7), pulmonary congestion (6), "lung disease" (0), and others (13). *Tonsillitis, &c.* includes pharyngitis (2), parotiditis (0). *Diseases of the stomach* includes dyspepsia, hæmatemesis, gastritis. *Disease of liver* includes hepatitis (4). *Diseases of the bowels* includes melæna (0), ulcer of intestines, obstruction of bowels, strangulation not due to hernia, intussusception, appendicitis. *Kidney disease* includes deaths from granular kidney (4), Bright's disease (44), other kidney diseases (11), and uræmia (3). *Albuminuria* includes only deaths in which the symptom without any pathological cause was registered. *Diseases of the urinary system* includes calculus, hæmaturia, cystitis and other diseases of the bladder. *Disease of the generative organs* includes uterine disease (2), ovarian disease (7), and "other diseases" of the generative organs, male (27), female (2). *Childbirth* includes all the accidents of parturition, except puerperal fever.

*Diseases of the bones and joints* includes disease of the spinal column, but not, of course, such diseases as spinal sclerosis, which are now referred to disease of the nervous system. A comparison of mortality previous to 1890 is difficult, as the term spinal disease was used to include both diseases of the spinal column and of the spinal marrow. *Abscess* includes cellulitis (7), carbuncle (5). *Injury* includes deaths from accident or negligence, homicide, misadventure, suicide, and execution.



TABLE D, Part 1.

Shewing death-rates from certain causes for the years 1890 to 1913.

	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Whooping cough.	"Fever."	Diarrhoea.	All seven.	Croup (membranous and undefined).	Phthisis.	Influenza and diseases of the air-passages other than consumption.
1890 (53 wks.)	0·00	0·27	0·28	0·07	0·50	0·30	0·98	2·39	0·09	1·66	5·62
1891 (52 wks.)	0·00	0·71	0·18	0·04	0·41	0·20	0·86	2·41	0·08	1·79	6·11
1892 (52 wks.)	0·02	0·20	0·20	0·08	0·42	0·17	1·10	2·18	0·13	1·42	4·56
1893 (52 wks.)	0·08	0·90	0·08	0·15	0·44	0·30	1·60	3·55	0·18	1·70	4·60
1894 (52 wks.)	0·01	0·75	0·13	0·15	0·34	0·14	0·45	1·98	0·17	1·49	3·64
1895 (52 wks.)	..	0·35	0·13	0·10	0·29	0·22	1·58	2·65	0·12	1·55	4·34
1896 (53 wks.)	0·00	0·48	0·18	0·10	0·60	0·21	0·69	2·27	0·09	1·50	4·02
1897 (52 wks.)	..	0·40	0·23	0·13	0·24	0·21	1·58	2·79	0·10	1·44	3·90
1898 (52 wks.)	0·00	0·45	0·29	0·49	0·39	0·23	1·24	3·10	0·12	1·39	3·41
1899 (52 wks.)	..	0·37	0·15	0·71	0·38	0·17	0·96	2·73	0·12	1·41	3·72
1900 (52 wks.)	0·00	0·58	0·12	0·55	0·39	0·20	1·09	2·93	0·06	1·41	4·19
1901 (52 wks.)	..	0·58	0·19	0·38	0·33	0·19	1·47	3·15	0·07	1·41	3·47
1902 (53 wks.)	0·01	0·44	0·13	0·19	0·46	0·18	0·62	2·03	0·05	1·33	3·57
1903 (52 wks.)	0·05	0·29	0·25	0·14	0·28	0·13	0·64	1·78	0·03	1·30	3·17
1904 (52 wks.)	0·00	0·79	0·14	0·09	0·48	0·12	1·04	2·67	0·05	1·45	3·33
1905 (52 wks.)	0·01	0·25	0·09	0·09	0·28	0·13	0·84	1·68	0·03	1·28	3·21
1906 (52 wks.)	..	0·63	0·08	0·17	0·33	0·11	1·03	2·36	0·03	1·31	2·86
1907 (52 wks.)	..	0·24	0·12	0·15	0·37	0·06	0·44	1·38	0·01	1·38	3·37
1908 (53 wks.)	..	0·40	0·03	0·11	0·31	0·06	0·76	1·67	0·01	1·39	3·41
1909 (52 wks.)	..	0·18	0·03	0·14	0·19	0·10	0·25	0·87	0·02	1·24	3·37
1910 (52 wks.)	..	0·36	0·09	0·14	0·34	0·05	0·45	1·44	0·02	1·15	2·96
1911 (52 wks.)	..	0·18	0·10	0·33	0·33	0·05	1·19	2·18	0·02	1·26	2·91
1912 (52 wks.)	..	0·36	0·09	0·20	0·12	0·04	0·17	0·97	0·01	1·28	2·72
1913 (53 wks.)	..	0·23	0·03	0·19	0·20	0·04	0·57	1·27	0·01	1·20	2·99

Previous to 1901 these rates were calculated upon the populations estimated at the time. A slight error during the latter part of this period is therefore to be allowed for. Since 1901 the figures are calculated upon populations estimated by arithmetical progression according to the amount of increase between the 1901 and 1911 censuses. The populations for 1912 and 1913 are calculated by the Registrar-General's method. In each case the populations are estimated to the middle of the year.



**TABLE D, Part 2.**  
**For whole District.**

Year.	Population estimated to middle of each year.	Births.		Deaths under one year of age.		Deaths at all ages. Total.		Deaths in Public Institutions.	Deaths of non-residents registered in district.	Deaths of residents registered beyond district.	Deaths at all ages net.	
		Number.	Rate.*	Number	Rate per 1,000 births registered.	Number	Rate.*				Number	Rate.*
I	2	3	4	5	6	7	8	9	10	11	12	13
†1890	363,018	12,336	33·5	2,128	173	8,370	22·7	819	132	No return	8,238	22·3
1891	369,034	12,538	34·1	2,216	177	8,429	22·9	869	144	do.	8,285	22·5
1892	375,081	12,546	33·6	2,114	168	7,403	19·8	789	129	do.	7,274	19·5
1893	381,157	12,348	32·5	2,542	206	8,512	22·4	874	147	24	8,365	22·0
1894	387,259	12,502	32·4	1,945	156	6,935	18·0	772	142	7	6,793	17·6
1895	393,387	12,478	31·8	2,384	191	8,101	20·7	882	167	No return	7,934	20·2
†1896	399,535	12,573	31·0	2,120	169	7,682	18·9	908	161	8	7,521	18·5
1897	405,716	12,912	31·9	2,454	190	8,148	20·2	881	175	1	7,973	19·7
1898	411,895	12,971	31·6	2,372	183	7,996	19·5	940	142	9	7,854	19·1
1899	418,101	12,939	31·1	2,222	172	8,105	19·5	1,005	181	26	7,924	19·0
1900	424,322	13,091	31·0	2,397	183	8,619	20·4	1,084	184	90	8,525	20·2
1901	429,383	12,898	30·1	2,429	188	8,283	19·4	1,176	171	92	8,204	19·2
†1902	431,043	13,245	30·3	2,113	160	7,814	17·8	1,154	211	96	7,699	17·6
1903	432,703	12,996	30·1	1,992	153	7,334	17·0	1,094	184	113	7,263	16·8
1904	434,363	12,561	29·0	2,207	176	8,096	18·7	1,185	173	116	8,039	18·6
1905	436,023	12,337	28·4	1,875	152	7,124	16·4	1,225	178	102	7,047	16·2
1906	437,683	12,093	27·7	1,837	152	7,405	17·0	1,271	183	128	7,350	16·9
1907	439,343	11,678	26·7	1,533	131	7,227	16·5	1,301	188	128	7,167	16·4
†1908	441,003	12,007	26·8	1,654	138	7,505	16·8	1,371	199	124	7,430	16·6
1909	442,663	11,002	24·9	1,350	123	6,854	15·5	1,403	194	146	6,806	15·4
1910	444,323	10,867	24·5	1,446	133	6,790	15·3	1,349	228	149	6,711	15·2
1911	445,983	10,597	23·8	1,693	160	7,394	16·6	1,620	283	220	7,331	16·5
1912	447,746	10,367	23·2	1,057	102	6,403	14·3	1,610	275	268	6,396	14·3
Averages for years 1903-1912.		11,651	26·5	1,664	143	7,213	16·4	1,343	209	149	7,154	16·3
†1913	457,295	10,947	23·6	1,487	136	7,289	15·7	1,715†	281	229	7,237	15·6

\* Populations and rates re-estimated since the census.

† 53 week years, the others 52.

‡ Including 58 deaths in Hunslet Workhouse, which is outside the City.

**TABLE E.**  
**VITAL STATISTICS FOR 1913.**

The following Births and Deaths were recorded in the several Sub-Registration Districts of the City of Leeds during the fifty-three weeks ended 3rd January, 1914. The figures in italics after the Births and Deaths give the proportion per annum per 1,000 of the estimated population.

Districts. ( <i>altered</i> ).		Births.	Birth Rate.	Deaths.	Death Rate. All causes. 7 Zymotics.*	
LEEDS.	North † ...	1,387	20 68	906	13·51	1·03
	North-East ‡ ...	1,079	23·23	638	13·74	1·55
	West †... ...	1,493	26·57	885	15·75	1·48
	South-East † ...	1,326	24·92	1,008	18·94	1·80
	Hunslet ... ...	1,965	27·34	1,211	16·85	2·24
	Holbeck... ...	977	24·64	597	15·06	2·42
	Wortley ... ...	1,316	22·30	886	15·01	1·03
	Kirkstall... ...	1,012	20·08	604	11·98	0·79
	Bramley ... ...	392	19·00	260	12·60	0·34
	No home ...	...	...	13	...	...
	<i>Outsiders</i> ...	...	...	281	...	...
Totals ...		10,947	23·57	7,289	15·69	1·49

\* Includes all deaths from diarrhoea and deaths from enteritis in children under two years. It, therefore, differs from the rates in table F.

† These districts were altered in area on October 1st, 1912. The figures refer to the altered area.

‡ Figures for additional ward included.

Considered as occurring in the Municipal Wards, the foregoing Deaths are classed as follows:—

Wards.	Deaths.	Death Rate.	Wards.	Deaths.	Death Rate.
Eastern Division.			Western Division.		
Central ... ..	231	17·56	Mill Hill ... ..	80	14·57
North ... ..	583	13·43	West ... ..	369	18·40
North-East ...	567	14·71	North West ...	436	14·23
New Ward ...	71	8·99	Brunswick... ..	323	13·65
East ... ..	688	18·69	New Wortley ...	329	19·96
South ... ..	284	23·37	Armley and Wortley	515	13·45
East Hunslet ...	600	17·59	Bramley ... ..	302	12·14
West Hunslet ...	518	13·66	Headingley ...	604	11·98
Holbeck ... ..	495	16·18	Total allocated ...	6,995	15·06

In both these tables deaths occurring in public institutions have been referred to the districts to which the patients belonged. The births in workhouses are included in those of the districts in which these institutions are situated. There were one hundred and forty-seven deaths at Manston Hospital during the year.

All rates on population revised since Census, 1911.



E. 2.

The following Births and Deaths were recorded in the several Sub-Registration Districts of the City of Leeds during the thirteen weeks ended 29th March, 1913. The figures in italics after the Births and Deaths give the proportion per annum per 1,000 of the estimated population.

Districts ( <i>altered</i> ).	Births.	Birth Rate.	Deaths.	Death Rate.	
				All causes.	7 Zymotics. *
LEEDS. { North† ... North-East‡ ... West† ... South-East† ... Hunslet ... Holbeck... Wortley ... Kirkstall... Bramley ... No home ... <i>Outsiders</i> ...	352	21·4	250	15·2	0·9
	259	22·7	194	17·0	1·2
	385	27·9	239	17·3	0·8
	337	25·8	326	25·0	3·2
	454	25·8	317	18·0	1·0
	238	24·5	168	17·3	1·3
	328	22·7	235	16·2	0·2
	248	20·1	185	15·0	0·1
	95	18·8	72	14·2	...
	...	...	3	...	...
	...	...	75	...	...
Totals ...	2,696	23·7	2,064	18·1	1·0

\* Includes all deaths from diarrhoea and deaths from enteritis in children under two years. It, therefore, differs from the rates in table F.

† These districts were altered in area on October 1st, 1912, the figures refer to the altered area.

‡ Figures for additional ward included.

Considered as occurring in the Municipal Wards, the foregoing Deaths are classed as follows:—

Wards.		Deaths.	Death Rate.	Wards.		Deaths.	Death Rate.
Eastern Division.				Western Division.			
Central	...	64	19·8	Mill Hill	...	29	21·5
North	...	170	16·0	West	...	103	20·9
North-East	...	176	18·6	North-West	...	107	14·2
New Ward	...	18	9·3	Brunswick	...	80	13·8
East	...	237	26·3	New Wortley	...	78	19·3
South	...	77	25·8	Armley	...	150	16·0
East Hunslet	...	154	18·4	Bramley	...	79	12·9
West Hunslet	...	144	15·5	Headingley	...	185	15·0
Holbeck	...	135	18·0	Total allocated...	1,986		17·4

In both these tables deaths occurring in public institutions have been referred to the districts to which the patients belonged. The births in workhouses are included in those of the districts in which these institutions are situated. There were thirty-four deaths at Manston Hospital during this quarter.

All rates on population revised since Census, 1911.



E. 3.

The following Births and Deaths were recorded in the several Sub-Registration Districts of the City of Leeds during the thirteen weeks ended 28th June, 1913. The figures in italics after the Births and Deaths give the proportion per annum per 1,000 of the estimated population.

	Districts ( <i>altered</i> ).	Births.	Birth Rate.	Deaths.	Death Rate.	
					All causes.	7 Zymotics. *
LEEDS.	North† ...	325	19·8	200	12·2	0·5
	North-East†	235	20·6	152	13·3	1·3
	West† ...	355	25·8	208	15·1	1·5
	South-East†	341	26·1	238	18·2	0·9
	Hunslet ...	496	28·1	301	17·1	1·5
	Holbeck...	237	24·4	146	15·0	2·9
	Wortley ...	336	23·2	234	16·2	0·5
	Kirkstall...	260	21·0	172	13·9	0·5
	Bramley ...	92	18·2	72	14·2	0·6
	No home	...	...	2	...	...
	<i>Outsiders</i>	...	...	63	...	...
Totals ...		2,677	23·5	1,788	15·7	1·1

\* Includes all deaths from diarrhoea and deaths from enteritis in children under two years. It, therefore, differs from the rates in table F.

† These districts were altered in area on October 1st, 1912, the figures refer to the altered area.

‡ Figures for additional ward included.

Considered as occurring in the Municipal Wards, the foregoing Deaths are classed as follows:—

Wards.			Deaths.	Death Rate.	Wards.			Deaths.	Death Rate.
Eastern Division.					Western Division.				
Central	...	...	58	18·0	Mill Hill	...	...	18	13·4
North	...	...	124	11·6	West	...	...	86	17·5
North-East	...	...	135	14·3	North-West	...	...	104	13·8
New Ward	...	...	17	8·8	Brunswick	...	...	76	13·1
East	...	...	163	18·1	New Wortley	...	...	80	19·8
South	...	...	74	24·8	Armley	...	...	136	14·5
East Hunslet	...	...	142	17·0	Bramley	...	...	90	14·8
West Hunslet	...	...	128	13·8	Headingley	...	...	172	13·9
Holbeck	...	...	120	16·0	Total allocated...	1,723		15·1	

In both these tables deaths occurring in public institutions have been referred to the districts to which the patients belonged. The births in workhouses are included in those of the districts in which these institutions are situated. There were thirty-two deaths at Manson Hospital during this quarter.

All rates on population revised since Census, 1911.

# E. 4.

The following Births and Deaths were recorded in the several Sub-Registration Districts of the City of Leeds during the thirteen weeks ended 27th September, 1913. The figures in italics after the Births and Deaths give the proportion per annum per 1,000 of the estimated population.

	Districts ( <i>altered</i> ).	Births.	Birth Rate.	Deaths.	Death Rate.	
					All causes.	7 Zymotics. *
LEEDS.	North† ...	354	21·5	225	13·7	1·8
	North-East†	305	26·8	124	10·9	2·5
	West† ...	372	27·0	223	16·2	2·7
	South-East†	326	25·0	210	16·1	2·0
	Hunslet ...	490	27·8	328	18·6	5·2
	Holbeck ...	250	25·7	141	14·5	3·2
	Wortley ...	313	21·6	220	15·2	2·6
	Kirkstall ...	245	19·8	98	7·9	1·9
	Bramley ...	94	18·6	54	10·7	0·6
	No home ...	...	...	3	...	...
	<i>Outsiders</i> ...	...	...	71	...	...
Totals ...		2,749	24·1	1,697	14·9	2·7

\* Includes all deaths from diarrhoea and deaths from enteritis in children under two years. It, therefore, differs from the rates in table F.

† These districts were altered in area on October 1st, 1912, the figures refer to the altered area.

‡ Figures for additional ward included.

Considered as occurring in the Municipal Wards, the foregoing Deaths are classed as follows:—

Wards.	Deaths.	Death Rate.	Wards.	Deaths.	Death Rate.
Eastern Division.			Western Division.		
Central ... ..	52	16·1	Mill Hill ... ..	18	13·4
North ... ..	144	13·5	West ... ..	98	19·9
North-East ... ..	110	11·6	North-West ... ..	107	14·2
New Ward ... ..	14	7·2	Brunswick... ..	81	14·0
East ... ..	135	15·0	New Wortley ... ..	89	22·0
South ... ..	71	23·8	Armley ... ..	124	13·2
East Hunslet ... ..	171	20·4	Bramley ... ..	61	10·0
West Hunslet ... ..	126	13·5	Headingley ... ..	98	7·9
Holbeck ... ..	124	16·5	Total allocated...	1,623	14·2

In both these tables deaths occurring in public institutions have been referred to the districts to which the patients belonged. The births in workhouses are included in those of the districts in which these institutions are situated. There were thirty-nine deaths at Manston Hospital during this quarter.

All rates on population revised since Census, 1911.

E. 5.

The following Births and Deaths were recorded in the several Sub-Registration Districts of the City of Leeds during the fourteen weeks ended 3rd January, 1914. The figures in italics after the Births and Deaths give the proportion per annum per 1,000 of the estimated population.

	Districts (altered).	Births.	Birth Rate.	Deaths.	Death Rate.	
					All causes.	7 Zymotics. *
LEEDS.	North† ...	356	20·1	231	13·0	1·0
	North-East‡	280	22·8	168	13·7	1·2
	West† ...	381	25·7	215	14·5	0·9
	South-East†	322	22·9	234	16·6	1·1
	Hunslet ...	525	27·7	265	14·0	1·4
	Holbeck...	252	24·1	142	13·6	2·3
	Wortley ...	339	21·7	197	12·6	0·8
	Kirkstall...	259	19·5	149	11·2	0·8
	Bramley ...	111	20·4	62	11·4	0·2
	No home	...	...	5	...	...
	<i>Outsiders</i>	...	...	72	...	...
	Totals ...	2,825	23·0	1,740	14·2	1·1

\* Includes all deaths from diarrhoea and deaths from enteritis in children under two years. It, therefore, differs from the rates in table F.  
† These districts were altered in area on October 1st, 1912, the figures refer to the altered area.  
‡ Figures for additional ward included.

Considered as occurring in the Municipal Wards, the foregoing Deaths are classed as follows:—

Wards.		Deaths.	Death Rate.	Wards.		Deaths.	Death Rate.
Eastern Division.				Western Division.			
Central	...	57	16·4	Mill Hill	...	15	10·3
North	...	145	12·6	West	...	82	15·5
North-East	...	146	14·3	North-West	...	118	14·6
New Ward	...	22	10·5	Brunswick	...	86	13·8
East	...	153	15·7	New Wortley	...	82	18·8
South	...	62	19·3	Armley	...	105	10·4
East Hunslet	...	133	14·8	Bramley	...	72	11·0
West Hunslet	...	120	12·0	Headingley	...	149	11·2
Holbeck	...	116	14·4	Total allocated...		1,663	13·6

In both these tables deaths occurring in public institutions have been referred to the districts to which the patients belonged. The births in workhouses are included in those of the districts in which these institutions are situated. There were forty-two deaths at Manston Hospital during this quarter.  
All rates on population revised since Census, 1911.



# E. 6.

The following Births and Deaths were recorded in the several Sub-Registration Districts of the City of Leeds during the thirteen weeks ended 4th April, 1914. The figures in italics after the Births and Deaths give the proportion per annum per 1,000 of the estimated population.

	Districts (altered).	Births.	Birth Rate.	Deaths.	Death Rate.	
					All causes.	7 Zymotics.*
LEEDS.	North† ...	354	21·4	223	13·5	0·6
	North-East‡	241	20·7	194	16·7	2·0
	West† ...	369	27·1	228	16·8	0·6
	South-East†	366	28·1	243	18·7	1·4
	Hunslet ...	476	27·0	285	16·1	0·8
	Holbeck...	239	24·2	128	12·9	0·5
	Wortley ...	318	22·0	219	15·2	0·8
	Kirkstall...	257	20·5	158	12·6	1·0
	Bramley ...	87	17·0	68	13·3	0·4
	No home ...	...	...	3	...	...
	<i>Outsiders</i> ...	...	...	75	...	...
	Totals ...	2,707	23·7	1,824	15·9	0·9

\* Includes all deaths from diarrhoea and deaths from enteritis in children under two years. It, therefore, differs from the rates in table F.

† These districts were altered in area on October 1st, 1912, the figures refer to the altered area.

‡ Figures for additional ward included.

Considered as occurring in the Municipal Wards, the foregoing Deaths are classed as follows:—

Wards.	Deaths.	Death Rate.	Wards.	Deaths.	Death Rate.
Eastern Division.			Western Division.		
Central ...	55	18·0	Mill Hill ...	26	20·1
North ...	151	14·1	West ...	86	17·8
North-East ...	173	17·9	North-West ...	116	15·5
New Ward ...	21	10·6	Brunswick ...	72	12·4
East ...	167	18·2	New Wortley ...	94	23·6
South ...	68	23·3	Armley & Wortley	114	12·1
East Hunslet ...	137	16·4	Bramley ...	79	12·8
West Hunslet ...	115	12·1	Headingley ...	158	12·6
Holbeck ...	114	15·1	Total allocated...	1,746	15·3

In both these tables deaths occurring in public institutions have been referred to the districts to which the patients belonged. The births in workhouses are included in those of the districts in which these institutions are situated. There were fifty-seven deaths at Manston Hospital during this quarter.

All rates on population revised since Census, 1911.

**TABLE F (1).**

Shewing Births, Deaths, from all and certain causes, Home Patients of the Dispensary, admissions to the Fever Hospitals, and some of the Meteorological conditions and the Death-rates from certain causes in Leeds: with the Birth and Death-rates from all causes in the 95 large English towns for each of the thirteen weeks ended 28th December, 1912.

1912.		OCTOBER.					NOVEMBER.				DECEMBER.				TOTALS OR AVERAGES.	YEAR.
		5th. Oct.	12th. Oct.	19th. Oct.	26th. Oct.	2nd. Nov.	9th. Nov.	16th. Nov.	23rd. Nov.	30th. Nov.	7th. Dec.	14th. Dec.	21st. Dec.	28th. Dec.		
Total Births .....	1	186	209	218	173	219	218	183	191	146	200	178	192	185	2,498	10,367
Total Deaths .....	2	98	122	124	117	122	143	107	108	115	153	141	136	142	1,628	6,403
Under 1 year .....	3	17	25	17	12	18	24	16	15	13	32	23	27	23	262	1,057
1 to 2 years.....	4	3	6	3	2	4	8	5	7	6	6	10	5	11	76	318
2 to 5 years.....	5	1	5	2	...	7	5	4	2	7	5	7	6	6	57	295
5 to 65 years .....	6	60	57	67	60	59	69	52	54	60	69	69	61	69	806	3,028
65 yrs. and upwards	7	17	29	35	43	34	37	30	30	29	41	32	37	33	427	1,705
Deaths: Small-pox..	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles .....	9	2	1	2	2	2	3	...	3	1	1	8	5	3	33	160
Scarlet Fever .....	10	...	1	1	...	1	...	...	1	1	2	...	...	...	7	40
*Diphtheria .....	11	3	6	...	1	...	2	1	1	2	1	1	...	3	21	94
Whooping-cough..	12	...	...	1	...	1	2	...	...	1	1	...	...	1	7	53
Typhus Fever.....	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Typhoid Fever ...	14	1	...	1	...	...	...	...	1	...	...	1	...	1	5	17
Other or doubtful	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
**Diarr. (und. 2 yrs.)	16	...	2	2	...	1	1	...	...	...	1	1	...	...	8	60
Enteritis (und. 2 yrs.)	16a	2	3	2	...	...	3	...	...	2	...	1	...	1	14	54
Diarr. (over 2 years)	16b	...	1	...	...	...	...	...	...	...	...	2	...	...	3	14
Cholera (English) ...	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Croup .....	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Dis. of Resp. System	20	13	17	27	23	24	32	22	20	30	37	34	30	31	340	1,214
Influenza† .....	21	...	...	1	...	2	...	1	...	...	1	...	...	...	5	41
Phthisis .....	22	7	9	16	18	9	14	8	8	6	11	9	10	8	133	571
Dis. of Circul. System	23	14	15	12	11	15	14	14	10	10	16	15	12	20	178	681
Violent Deaths .....	24	4	6	3	4	7	6	3	8	8	8	5	9	6	77	279
Inquest cases .....	25	10	17	11	12	13	14	14	11	15	16	23	20	17	193	694
Deaths in Pub. Inst.	26	20	38	28	35	27	44	25	34	27	38	37	28	40	421	1,610
Dispensary: visits pd.	27	83	110	132	141	140	155	157	143	132	186	167	161	118	1,825	7,348
Cases admitted to our own hospitals .....	28	56	67	36	29	60	36	32	44	37	40	45	26	28	536	2,037
Barom. (inches) .....	29	29.88	30.14	30.01	29.37	29.61	30.05	29.71	30.02	29.41	29.82	29.59	29.61	29.46	29.74	29.77
Attached Ther. °F...	30	59.08	59.85	60.62	56.85	58.62	59.00	56.31	57.69	54.77	51.54	56.62	54.62	54.00	56.90	59.92
Dry bulb.....	31	50.08	50.69	51.00	43.85	47.85	50.23	44.46	48.62	40.46	41.00	48.08	45.00	44.67	46.63	51.44
Wet bulb.....	32	47.23	48.77	48.46	42.08	45.77	48.23	41.85	46.23	38.31	39.08	45.92	42.92	43.08	44.46	48.07
Humidity .....	33	80.54	87.08	82.85	86.62	85.23	86.15	80.69	83.46	81.15	83.77	84.54	84.92	88.33	84.23	78.78
Mn. of highest reading	34	54.86	58.29	57.29	50.00	52.43	52.71	47.86	51.00	44.14	44.71	50.71	47.71	48.14	50.76	55.83
„ lowest „	35	42.29	44.29	43.71	38.57	41.86	42.71	40.00	42.43	36.43	32.57	42.29	40.14	40.86	40.63	43.83
„ daily range ...	36	12.57	14.00	13.58	11.43	10.57	10.00	7.86	8.57	7.71	12.14	8.42	7.57	7.28	10.13	12.00
Total rainfall (inches)	37	0.73	...	0.30	1.38	0.81	0.08	0.59	0.07	1.04	0.23	0.53	0.50	0.60	6.86	34.57
Wind { Direction ...	38	SW	SE	SW	N SW	SW	SW	NE W	SW	SW NE	SE SW	SW	SW	SW SE	...	...
{ Force 0-6 ...	39	2	2	2	1	3	1	3	2	3	2	3	2	2	2	2
Birth-rate (Leeds) ...	41	21.7	24.4	25.4	20.2	25.5	25.4	21.3	22.3	17.0	23.3	20.7	22.4	21.6	22.4	23.2
Death-rate (Leeds)...	42	11.4	14.2	14.5	13.6	14.2	16.7	12.5	12.6	13.4	17.8	16.4	15.8	16.5	14.6	14.3
Death-rate (95 towns)	43	12.3	13.7	14.2	13.3	14.0	14.8	14.1	15.0	14.5	16.4	16.1	15.4	15.1	14.6	...
Birth-rate (95 towns)	44	23.5	25.1	24.6	24.3	25.8	26.4	24.1	24.2	22.3	25.3	24.1	25.1	17.5	24.0	...
D. R. lung dis. (Leeds)	45	1.5	2.0	3.1	2.7	2.8	3.7	2.6	2.3	3.5	4.3	4.0	3.5	3.6	3.0	2.7
D. R. 7 Zymotics „	46	0.7	1.3	0.8	0.3	0.5	0.9	0.1	0.7	0.6	0.7	1.5	0.6	0.9	0.8	1.0

The Dispensary returns are furnished me by the kindness of the resident staff, and have regard to a week ended in each case a day earlier than that given in the heading.

The meteorological data are compiled from returns sent us by Mr. Crowther. They are uncorrected readings, made at 10 a.m. and 4 p.m. The humidity each week is the average of the humidities calculated on each of the thirteen observations of the wet and dry bulbs.

\* Includes membranous croup. Line 19 includes non-spasmodic croup not returned as membranous. † Line 20 includes line 21. \*\* The Registrar General now includes enteritis in children under two years with diarrhoea, and excludes all diarrhoea deaths above that age. The latter are, however, included in line 16b, and in line 46, which however does not include 16a.



**TABLE F (2).**

Shewing Births, Deaths, from all and certain causes, Home Patients of the Dispensary, admissions to the Fever Hospitals, and some of the Meteorological conditions and the Death-rates from certain causes in Leeds: with the Birth and Death-rates from all causes in the 96 large English towns for each of the thirteen weeks ended 29th March, 1913.

1913.		JANUARY.					FEBRUARY.				MARCH.				TOTALS OR AVERAGES.
		4th. Jan.	11th. Jan.	18th. Jan.	25th. Jan.	1st. Feb.	8th. Feb.	15th. Feb.	22nd. Feb.	1st. Mar.	8th. Mar.	15th. Mar.	22nd. Mar.	29th. Mar.	
Total Births .....	1	213	218	186	206	221	236	199	191	214	211	209	188	204	2,696
Total Deaths .....	2	145	119	167	164	180	155	168	135	163	194	141	148	185	2,064
Under 1 year .....	3	41	20	34	28	31	25	32	26	28	36	20	24	26	371
1 to 2 years .....	4	7	7	4	9	12	9	10	8	6	8	11	5	4	100
2 to 5 years .....	5	5	5	8	10	9	6	11	6	7	9	8	8	10	102
5 to 65 years .....	6	58	52	78	74	79	74	65	64	73	93	53	72	81	916
65 yrs. and upwards	7	34	35	43	43	49	41	50	31	49	48	49	39	64	575
Deaths: Small-pox..	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles .....	9	4	6	4	9	4	7	8	2	4	3	3	1	2	57
Scarlet Fever .....	10	...	2	...	1	...	...	...	...	...	...	...	...	2	5
*Diphtheria .....	11	...	2	3	1	1	...	...	1	2	...	2	2	2	16
Whooping-cough..	12	...	1	...	1	2	2	2	4	...	3	1	2	1	19
{ Typhus Fever.....	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Typhoid Fever ...	14	1	...	...	...	...	...	...	...	...	1	...	...	...	2
{ Other or doubtful	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
**Diarr. (und. 2 yrs.)	16	...	...	1	...	1	...	1	1	...	...	1	...	...	5
Enteritis (und. 2 yrs.)	16 <sup>a</sup>	2	...	1	...	...	...	1	1	1	1	2	...	2	11
Diarr. (over 2 years)	16 <sup>b</sup>	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Cholera (English) ...	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Croup .....	19	...	...	...	...	...	...	...	1	...	...	...	...	...	1
Dis. of Resp. System	20	30	24	39	42	51	41	38	37	48	43	34	37	49	513
Influenza† .....	21	...	1	1	1	...	3	2	...	1	...	1	2	1	13
Phthisis .....	22	12	12	18	15	10	8	19	7	15	23	8	16	11	174
Dis. of Circul. System	23	13	14	13	21	16	20	14	16	27	18	20	11	28	231
Violent Deaths .....	24	4	5	10	4	...	4	6	4	7	9	2	6	8	69
Inquest cases .....	25	19	10	16	15	11	12	24	15	18	24	11	15	16	206
Deaths in Pub. Inst.	26	36	32	36	38	34	32	32	28	35	50	29	28	52	462
Dispensary: visits pd.	27	138	182	137	131	154	167	164	160	149	185	173	205	129	2,074
Cases admitted to our own hospitals	28	49	29	47	41	39	26	46	34	29	36	39	47	49	511
Do. Phthisis.....	28 <sup>a</sup>	1	7	...	...	11	12	...	2	16	7	...	23	1	80
Barom. (inches) .....	29	29.75	29.79	29.44	29.54	29.63	29.77	30.35	30.24	29.83	29.78	29.95	29.22	29.68	29.77
Attached Ther. °F...	30	54.38	54.08	49.31	51.92	52.31	55.62	55.85	53.62	53.31	57.54	56.85	52.58	53.08	53.89
Dry bulb.....	31	44.62	43.00	35.00	40.54	37.85	46.69	43.15	38.15	42.38	47.23	45.54	41.08	43.77	42.24
Wet bulb.....	32	42.92	41.54	33.92	39.23	36.62	44.15	41.46	35.69	39.15	43.54	42.23	37.83	41.15	39.97
Humidity .....	33	87.31	88.38	88.54	89.08	88.92	82.08	87.23	79.54	75.69	74.69	77.15	75.25	81.00	82.73
Mn. of highest reading	34	48.29	48.00	37.43	42.71	40.71	50.71	47.29	41.86	46.86	51.86	49.43	45.00	47.86	46.00
„ lowest „	35	38.86	38.43	30.29	34.71	33.00	39.86	38.14	33.71	34.00	39.86	39.14	36.14	37.14	36.41
„ daily range ...	36	9.43	9.57	7.14	8.00	7.71	10.85	9.15	8.15	12.86	12.00	10.29	8.86	10.72	9.59
Total rainfall (inches)	37	0.63	0.04	1.00	0.54	0.83	0.42	0.18	0.04	0.18	0.41	0.61	1.02	0.67	6.57
Wind { Direction ...	38	SW	SE	SE NE	SW W	SW SE	SW	W	NE	SE	SW	SW W	W SW	SE NE	...
{ Force 0-12	39	2	3	2	2	3	3	2	2	2	4	3	4	2	3
Birth-rate (Leeds) ...	41	24.3	24.9	21.2	23.5	25.2	26.9	22.7	21.8	24.4	24.1	23.8	21.5	23.3	23.7
Death-rate (Leeds)...	42	16.5	13.6	19.1	18.7	20.5	17.7	19.2	15.4	18.6	22.1	16.1	16.9	21.1	18.1
Death-rate (96 towns)	43	15.7	15.4	16.5	17.0	17.3	17.2	17.2	17.3	18.0	17.4	17.0	16.5	16.9	16.9
Birth-rate (96 towns)	44	28.6	26.5	24.3	25.9	25.2	26.5	25.3	24.4	26.0	24.7	25.3	22.8	25.2	25.4
D. R. lung dis. (Leeds)	45	3.4	2.7	4.4	4.8	5.8	4.7	4.3	4.2	5.5	4.9	3.9	4.2	5.6	4.5
D. R. 7 Zymotics „	46	0.6	1.3	0.9	1.4	0.9	1.0	1.3	0.9	0.7	0.8	0.8	0.7	0.8	0.9

The Dispensary returns are furnished me by the kindness of the resident staff, and have regard to a week ended in each case a day earlier than that given in the heading.

The meteorological data are compiled from returns sent us by Mr. Crowther. They are uncorrected readings, made at 10 a.m. and 4 p.m. The humidity each week is the average of the humidities calculated on each of the thirteen observations of the wet and dry bulbs.

\* Includes membranous croup. Line 19 includes non-spasmodic croup not returned as memoraneous. † Line 20 includes line 21. \*\* The Registrar General now includes enteritis in children under two years with diarrhoea, and excludes all diarrhoea deaths above that age. The latter are, however, included in line 16b, and in line 46, which however does not include 16a.



TABLE F (3).

Shewing Births, Deaths, from all and certain causes, Home Patients of the Dispensary, admissions to the Fever Hospitals, and some of the Meteorological conditions and the Death-rates from certain causes in Leeds: with the Birth and Death-rates from all causes in the 96 large English towns for each of the thirteen weeks ended 28th June, 1913.

1913.		APRIL.					MAY.					JUNE.				TOTALS OR AVERAGES.
		April 5th.	April 12th.	April 19th.	April 26th.	May 3rd.	May 10th.	May 17th.	May 24th.	May 31st.	June 7th.	June 14th.	June 21st.	June 28th.		
Total Births .....	1	241	178	210	210	208	217	174	223	189	233	212	176	206	2,677	
Total Deaths .....	2	167	173	163	135	132	162	121	136	139	112	113	120	115	1,788	
Under 1 year .....	3	28	25	27	23	20	31	30	23	29	16	25	21	25	323	
1 to 2 years.....	4	12	15	8	10	8	10	8	10	12	4	5	6	7	115	
2 to 5 years.....	5	12	7	10	6	9	11	7	7	5	7	7	6	6	100	
5 to 65 years .....	6	70	81	66	60	60	74	50	62	62	63	55	62	47	812	
65 yrs. and upwards	7	45	45	52	36	35	36	26	34	31	22	21	25	30	438	
Deaths: Small-pox..	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Measles .....	9	4	5	4	2	6	4	5	3	2	2	3	1	1	42	
Scarlet Fever .....	10	1	...	...	1	...	...	1	...	...	1	...	...	...	4	
*Diphtheria .....	11	5	3	3	4	2	1	1	1	...	1	1	...	1	23	
Whooping-cough..	12	1	2	3	4	1	5	3	1	6	1	2	2	1	32	
Typhus Fever.....	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Typhoid Fever ...	14	...	...	1	...	...	...	...	...	...	1	1	...	...	3	
Other or doubtful	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
**Diarr. (und. 2 yrs.)	16	...	...	...	...	...	1	1	...	1	1	...	...	1	5	
Enteritis (und. 2 yrs.)	16 <sup>a</sup>	...	...	1	1	3	2	2	1	...	...	2	2	2	16	
Diarr. (over 2 years)	16 <sup>b</sup>	...	...	...	...	...	...	...	1	1	...	...	...	1	3	
Cholera (English) ...	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Croup .....	19	...	...	...	...	...	...	...	...	1	...	...	...	...	1	
Dis. of Resp. System	20	47	50	44	34	30	21	27	22	21	25	10	13	18	362	
Influenza† .....	21	5	3	2	6	4	1	...	...	...	...	1	1	...	23	
Phthisis .....	22	8	13	16	9	14	12	5	13	11	7	11	9	8	136	
Dis. of Circul. System	23	19	15	21	12	10	17	11	15	12	15	11	14	12	184	
Violent Deaths .....	24	4	6	5	3	1	5	...	7	6	4	2	3	4	50	
Inquest cases .....	25	14	13	16	11	7	12	10	14	11	15	5	11	11	150	
Deaths in Pub. Inst.	26	30	41	41	34	22	44	27	40	31	18	29	31	34	422	
Dispensary: visits pd.	27	177	162	168	166	148	133	79	101	112	93	89	98	109	1,635	
Cases admitted to our own hospitals	28	48	47	61	59	51	38	39	50	40	40	27	46	41	587	
Do. Phthisis.....	28 <sup>a</sup>	9	7	5	20	1	9	4	7	9	7	8	5	6	97	
Barom. (inches) .....	29	29.89	29.94	29.51	29.66	29.67	29.53	29.97	29.89	29.87	29.81	29.91	29.96	30.01	29.82	
Attached Ther. °F...	30	61.23	58.08	58.08	62.23	61.54	60.15	62.46	60.69	66.00	65.92	62.08	66.77	64.92	62.32	
Dry bulb.....	31	48.62	44.08	47.62	52.92	54.54	51.46	56.00	56.08	64.00	63.77	57.38	66.85	60.77	55.70	
Wet bulb.....	32	44.46	41.23	43.77	48.15	50.08	49.23	51.00	51.38	59.15	56.77	51.62	60.23	55.69	50.98	
Humidity .....	33	73.69	79.85	74.08	72.31	73.15	85.23	70.77	71.92	73.77	64.00	68.00	67.08	72.38	72.78	
Mn. of highest reading	34	54.00	47.00	51.71	59.14	57.71	55.71	65.57	59.57	70.14	68.14	62.00	72.86	66.00	60.73	
„ lowest „	35	40.86	37.57	40.43	42.57	43.71	44.14	43.57	45.86	53.00	50.00	48.71	52.86	52.14	45.80	
„ daily range ...	36	13.14	9.43	11.28	16.57	14.00	11.57	22.00	13.71	17.14	18.14	13.29	20.00	13.86	14.93	
Total rainfall (inches)	37	0.23	0.46	0.49	0.24	1.45	1.51	...	0.13	0.06	0.33	0.06	0.92	0.24	6.12	
Wind (Direction ...	38	NE	NW NE	SW W	SE E	SW NW	E SE	NE	SW	SW NE	SW W	W SW	NE W	SW NW	...	
(Force 0-12)	39	2	2	3	3	2	3	2	3	2	3	3	2	3	3	
Birth-rate (Leeds) ...	41	27.5	20.3	24.0	24.0	23.7	24.8	19.9	25.4	21.6	26.6	24.2	20.1	23.5	23.5	
Death-rate (Leeds)...	42	19.1	19.7	18.6	15.4	15.1	18.5	13.8	15.5	15.9	12.8	12.9	13.7	13.1	15.7	
Death-rate (96 towns)	43	15.6	15.2	15.8	14.8	14.2	13.9	12.8	13.4	13.5	12.1	11.8	11.6	11.3	13.5	
Birth-rate (96 towns)	44	27.3	24.2	26.2	26.3	25.4	26.4	22.9	27.9	25.9	25.9	26.4	25.2	26.2	25.9	
D.R. lung dis. (Leeds)	45	5.4	5.7	5.0	3.9	3.4	2.4	3.1	2.5	2.4	2.9	1.1	1.5	2.1	3.2	
D.R. 7 Zymotics „ } Omitting line 16a.	46	1.3	1.1	1.3	1.3	1.0	1.3	1.3	0.7	1.1	0.8	0.8	0.3	0.6	1.0	

The Dispensary returns are furnished me by the kindness of the resident staff, and have regard to a week ended in each case a day earlier than that given in the heading.

† The meteorological data are compiled from returns sent us by Mr. Crowther. They are uncorrected readings, made at 10 a.m. and 4 p.m. The humidity each week is the average of the humidities calculated on each of the thirteen observations of the wet and dry bulbs.

\* Includes membranous croup. Line 19 includes non-spasmodic croup not returned as membranous. † Line 20 includes line 21. \*\* The Registrar General now includes enteritis in children under two years with diarrhoea, and excludes all diarrhoea deaths above that age. The latter are, however, included in line 16b, and in line 46, which however does not include 16a.



TABLE F (4).

Shewing Births, Deaths, from all and certain causes, Home Patients of the Dispensary, admissions to the Fever Hospitals, and some of the Meteorological conditions and the Death-rates from certain causes in Leeds: with the Birth and Death-rates from all causes in the 96 large English towns for each of the thirteen weeks ended 27th September, 1913.

1913.		JULY.					AUGUST.				SEPTEMBER.				TOTALS OR AVERAGES.
		July 5th.	July 12th.	July 19th.	July 26th.	Aug. 2nd.	Aug. 9th.	Aug. 16th.	Aug. 23rd.	Aug. 30th.	Sept. 6th.	Sept. 13th.	Sept. 20th.	Sept. 27th.	
Total Births .....	1	241	210	221	221	214	177	222	207	219	201	213	215	188	2,749
Total Deaths .....	2	123	121	123	114	131	129	154	162	119	121	132	137	131	1,697
Under 1 year .....	3	17	28	26	30	32	24	45	45	33	35	46	36	45	442
1 to 2 years.....	4	10	4	8	8	8	13	9	7	6	13	3	13	8	110
2 to 5 years.....	5	4	4	6	6	4	9	9	5	4	5	7	7	5	75
5 to 65 years .....	6	61	54	49	35	54	64	69	66	48	51	52	55	53	711
65 yrs. and upwards	7	31	31	34	35	33	19	22	39	28	17	24	26	20	359
Deaths: Small-pox..	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles .....	9	2	...	2	2	...	...	...	1	...	...	...	...	...	7
Scarlet Fever .....	10	...	1	1	2	...	...	...	1	...	...	...	1	...	6
*Diphtheria .....	11	...	1	...	...	1	1	4	4	1	2	3	3	3	23
Whooping-cough..	12	3	4	3	2	3	1	...	2	2	1	1	...	...	22
{ Typhus Fever.....	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Typhoid Fever ...	14	1	...	1	...	...	...	...	1	...	...	...	...	...	3
{ Other or doubtful	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
**Diarr. (und. 2 yrs.)	16	3	7	6	5	17	10	22	20	16	20	23	17	20	186
Enteritis (und. 2 yrs.)	16 <sup>a</sup>	2	1	1	3	...	1	5	7	5	6	3	4	5	43
Diarr. (over 2 years)	16 <sup>b</sup>	...	1	...	2	1	1	3	1	1	1	3	2	2	18
Cholera (English) ...	18	...	...	...	...	...	...	1	1	...	...	1	...	...	3
Croup .....	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dis. of Resp. System	20	18	8	18	19	15	24	15	14	9	7	12	7	13	179
Influenza† .....	21	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis .....	22	8	7	4	4	10	4	6	12	8	6	6	10	5	90
Dis. of Circul. System	23	20	15	17	11	20	18	12	12	13	15	17	12	9	191
Violent Deaths .....	24	6	3	6	2	1	7	6	5	6	14	4	6	9	75
Inquest cases .....	25	10	10	11	5	9	13	15	13	13	18	6	14	13	150
Deaths in Pub. Inst.	26	26	30	30	23	28	26	39	42	26	36	30	49	36	421
Dispensary: visits pd.	27	84	86	87	88	84	47	94	91	66	75	65	49	89	1,005
Cases admitted to our own hospitals	28	39	54	48	44	46	39	48	28	40	35	42	35	55	553
Do. Phthisis.....	28 <sup>a</sup>	16	12	9	2	10	10	2	16	14	13	10	11	9	134
Barom. (inches) .....	29	30.11	29.86	29.90	30.10	30.11	29.93	29.92	29.98	29.99	30.09	29.95	29.63	29.89	29.96
Attached Ther. °F...	30	66.62	64.31	66.85	64.08	67.08	66.54	64.23	66.23	68.69	65.38	67.08	63.54	62.54	65.65
Dry bulb.....	31	63.23	59.77	63.92	59.38	64.46	61.69	62.38	62.38	66.15	60.15	62.77	57.46	60.85	61.89
Wet bulb.....	32	58.77	54.54	58.23	54.92	58.23	55.46	57.46	57.00	60.23	56.08	56.15	54.38	58.08	56.89
Humidity .....	33	75.62	70.92	69.54	75.08	67.85	66.92	73.38	71.38	69.54	77.00	65.00	82.31	84.31	72.99
Mn. of highest reading	34	68.86	64.00	69.14	65.00	71.86	68.71	67.43	67.00	72.43	63.43	67.00	63.00	66.86	67.29
„ lowest „	35	54.57	51.00	56.29	51.00	51.86	51.29	53.43	53.57	53.71	52.86	51.43	50.14	53.86	52.69
„ daily range ...	36	14.29	13.00	12.85	14.00	20.00	17.42	14.00	13.43	18.72	10.57	15.57	12.86	13.00	14.60
Total rainfall (inches)	37	0.10	0.28	0.02	0.15	...	0.05	0.27	0.46	0.38	0.07	0.20	0.41	0.46	2.85
Wind { Direction ...	38	NE NW	NW	NWW	NE	NE E	NE W	E W	SW NW	NE	NE	W NE	SE	SE	...
{ Force 0-12	39	2	2	2	2	1	2	2	3	2	3	3	2	2	2
Birth-rate (Leeds) ...	41	27.5	24.0	25.2	25.2	24.4	20.2	25.3	23.6	25.0	22.9	24.3	24.5	21.5	24.1
Death-rate (Leeds)...	42	14.0	13.8	14.0	13.0	14.9	14.7	17.6	18.5	13.6	13.8	15.1	15.6	14.9	14.9
Death-rate (96 towns)	43	11.2	11.5	11.3	11.0	11.6	12.1	13.4	13.3	13.5	13.8	14.6	14.3	14.4	12.8
Birth-rate (96 towns)	44	25.6	26.1	25.9	26.4	26.0	22.2	27.1	25.4	25.1	24.1	25.6	24.7	24.8	25.3
D. R. lung dis. (Leeds)	45	2.1	0.9	2.1	2.2	1.7	2.7	1.7	1.6	1.0	0.8	1.4	0.8	1.5	1.6
D. R. 7 Zymotics „ } Omitting line 16a.	46	1.0	1.6	1.5	1.5	2.5	1.5	3.3	3.4	2.3	2.7	3.4	2.6	2.9	2.3

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The meteorological data are compiled from returns sent us by Mr. Crowther. They are uncorrected readings, made at 10 a.m. and 4 p.m. The humidity each week is the average of the humidities calculated on each of the thirteen observations of the wet and dry bulbs.

\* Includes membranous croup. Line 19 includes non-spasmodic croup not returned as membranous. † Line 20 includes line 21. \*\* The Registrar General now includes enteritis in children under two years with diarrhoea, and excludes all diarrhoea deaths above that age. The latter are, however, included in line 16b, and in line 46, which however does not include 16a.



TABLE F. (5).

Shewing Births, Deaths, from all and certain causes, Home Patients of the Dispensary, admissions to the Fever Hospitals, and some of the Meteorological conditions and the Death-rates from certain causes in Leeds: with the Birth and Death-rates from all causes in the 96 large English towns for each of the fourteen weeks ended 3rd January, 1914.

1913.		OCTOBER.					NOVEMBER				DECEMBER.					TOTALS OR AVERAGES.
		4th. Oct.	11th. Oct.	18th. Oct.	25th. Oct.	1st. Nov.	8th. Nov.	15th. Nov.	22nd. Nov.	29th. Nov.	6th. Dec.	13th. Dec.	20th. Dec.	27th. Dec.	3rd, 1914.	
Total Births .....	1	211	166	233	212	213	184	213	205	199	182	170	199	159	279	2,825
Total Deaths .....	2	127	119	125	121	101	121	119	112	133	116	118	138	122	168	1,740
Under 1 year .....	3	45	22	25	34	16	22	21	13	20	20	29	22	31	31	351
1 to 2 years.....	4	13	14	10	8	5	7	7	3	6	4	5	5	8	5	100
2 to 5 years.....	5	5	5	3	1	3	9	5	7	4	2	5	10	8	6	73
5 to 65 years .....	6	48	50	63	46	57	54	54	59	65	58	55	67	47	83	806
65 yrs. and upwards	7	16	28	24	32	20	29	32	30	38	32	24	34	28	43	410
Deaths: Small-pox..	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles .....	9	...	...	...	...	...	...	1	...	...	...	...	...	...	2	3
Scarlet Fever .....	10	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1
*Diphtheria .....	11	1	2	1	3	2	4	1	3	1	1	2	...	1	3	25
Whooping-cough..	12	2	...	1	3	1	2	...	...	...	2	2	3	4	1	21
{ Typhus Fever.....	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Typhoid Fever ...	14	1	1	2	2	...	...	...	1	...	...	...	...	1	2	10
{ Other or doubtful	15	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1
**Diarr. (und. 2 yrs.)	16	16	10	7	4	1	1	...	...	1	...	...	...	1	...	41
Enteritis (und. 2 yrs.)	16 <sup>a</sup>	8	2	6	2	2	2	3	1	1	1	2	...	1	1	32
Diarr. (over 2 years)	16 <sup>b</sup>	1	1	...	...	1	...	...	...	1	...	...	1	...	...	5
Cholera (English) ...	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Croup .....	19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dis. of Resp. System	20	13	9	16	15	11	26	27	20	24	24	31	36	34	47	333
Influenza† .....	21	...	2	1	...	1	...	...	3	1	2	1	...	...	4	15
Phthisis .....	22	6	13	16	7	12	10	12	13	16	7	8	10	10	17	157
Dis. of Circul. System	23	12	10	8	16	14	6	14	11	13	15	8	17	10	16	170
Violent Deaths .....	24	8	4	6	5	6	9	9	6	2	5	2	7	7	7	83
Inquest cases .....	25	13	10	10	9	15	11	15	10	7	10	11	17	15	21	180
Deaths in Pub. Inst.	26	20	28	35	29	24	30	22	32	39	22	35	32	21	41	410
Dispensary: visits pd.	27	55	46	57	70	68	117	126	121	93	147	112	141	118	111	1,382
Cases admitted to our own hospitals	28	59	53	59	43	46	50	54	59	41	56	55	34	38	45	692
Do. Phthisis.....	28 <sup>a</sup>	11	8	7	8	7	9	20	4	15	16	10	2	8	6	131
Barom. (inches) .....	29	29.90	29.68	30.01	29.80	29.42	29.53	29.29	29.84	30.04	29.62	29.93	30.29	29.79	30.10	29.80
Attached Ther. °F ...	30	64.00	58.15	60.15	59.31	60.92	58.85	58.23	58.46	57.54	56.46	55.92	56.46	52.25	48.92	57.57
Dry bulb.....	31	59.23	52.85	53.15	49.08	53.23	46.77	47.92	51.00	48.69	42.46	48.00	45.46	40.92	36.23	48.25
Wet bulb.....	32	56.46	50.46	50.38	46.23	50.62	44.62	46.23	48.46	46.69	40.62	46.15	43.62	39.25	34.46	46.06
Humidity .....	33	83.38	84.46	82.31	80.85	83.00	84.92	87.92	83.08	85.77	86.08	86.77	86.31	86.67	81.69	84.50
Mn. of highest reading	34	63.71	56.14	58.86	54.43	57.00	50.86	51.71	54.43	51.29	45.14	50.14	47.57	44.57	38.57	51.74
„ lowest „	35	53.14	46.86	45.57	42.14	46.57	41.71	42.86	43.71	42.29	39.29	42.57	42.00	36.00	30.71	42.53
„ daily range ...	36	10.57	9.28	13.29	12.29	10.43	9.15	8.85	10.72	9.00	5.85	7.57	5.57	8.57	7.86	9.21
Total rainfall (inches)	37	0.44	1.31	0.07	0.17	0.69	0.21	1.06	0.59	0.04	0.72	...	0.04	0.57	0.47	6.38
Wind { Direction ...	38	NE	NE E	SW NW	SW	SE SW	SE NW	SE SW	SW	W	SW W	W NW	NW W	W	NW	...
{ Force 0-12	39	2	3	2	3	3	3	3	5	4	4	5	4	4	3	3
Birth-rate (Leeds) ...	41	24.1	18.9	26.6	24.2	24.3	21.0	24.3	23.4	22.7	20.8	19.4	22.7	18.1	31.8	23.0
Death-rate (Leeds)...	42	14.5	13.6	14.3	13.8	11.5	13.8	13.6	12.8	15.2	13.2	13.5	15.7	13.9	19.2	14.2
Death-rate (96 towns)	43	13.6	14.3	13.6	13.1	13.9	13.3	13.8	13.4	14.1	13.2	14.5	14.6	14.8	18.6	14.2
Birth-rate (96 towns)	44	24.6	24.0	25.3	24.3	25.7	25.4	23.3	24.1	24.8	22.7	24.6	24.3	16.3	28.0	24.1
D.R. lung dis. (Leeds)	45	1.5	1.0	1.8	1.7	1.3	3.0	3.1	2.3	2.7	2.7	3.5	4.1	3.9	5.4	2.7
D.R. 7 Zymotics „ } Omitting line 16a.	46	2.4	1.7	1.3	1.4	0.6	0.9	0.2	0.5	0.3	0.3	0.5	0.5	0.8	0.9	0.9

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The meteorological data are compiled from returns sent us by Mr. Crowther. They are uncorrected readings, made at 10 a.m. and 4 p.m. The humidity each week is the average of the humidities calculated on each of the thirteen observations of the wet and dry bulbs.

\* Includes membranous croup. Line 19 includes non-spasmodic croup not returned as membranous. † Line 20 includes line 21. \*\* The Registrar General now includes enteritis in children under two years with diarrhoea, and excludes all diarrhoea deaths above that age. The latter are, however, included in line 16<sup>b</sup>, and in line 46, which however does not include 16a.



TABLE F (6).

Shewing Births, Deaths, from all and certain causes, Home Patients of the Dispensary, admissions to the Fever Hospitals, and some of the Meteorological conditions and the Death-rates from certain causes in Leeds: with the Birth and Death-rates from all causes in the 97 large English towns for each of the thirteen weeks ended 4th April, 1914.

1913		JANUARY.				FEBRUARY.				MARCH.					TOTALS OR AVERAGES.
		Jan. 10th.	Jan. 17th.	Jan. 24th.	Jan. 31st.	Feb. 7th.	Feb. 14th.	Feb. 21st.	Feb. 28th.	March 7th.	March 14th.	March 21st.	March 28th.	April 4th.	
Total Births .....	1	246	234	209	189	210	205	207	201	188	186	219	208	205	2,707
Total Deaths .....	2	163	150	131	156	152	124	127	137	146	121	136	157	124	1,824
Under 1 year .....	3	38	26	26	24	20	25	21	23	27	19	23	27	27	326
1 to 2 years.....	4	5	5	6	2	6	6	8	6	3	6	6	6	7	72
2 to 5 years.....	5	5	7	8	8	7	4	3	5	8	5	6	4	13	83
5 to 65 years .....	6	74	70	54	73	68	60	60	59	74	54	61	85	53	845
65 yrs. and upwards	7	41	42	37	49	51	29	35	44	34	37	40	35	24	498
Deaths: Small-pox..	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles .....	9	...	1	...	...	1	...	...	...	...	2	...	1	...	5
Scarlet Fever .....	10	...	2	1	1	1	1	...	1	...	...	1	2	1	11
*Diphtheria .....	11	...	1	5	1	...	1	1	2	2	2	...	1	3	19
Whooping-cough..	12	4	2	3	4	2	2	5	3	4	3	5	2	5	44
{ Typhus Fever.....	13	...	...	...	...	...	...	...	...	...	...	...	...	...	...
{ Typhoid Fever ...	14	...	1	1	1	...	...	...	2	...	...	...	1	...	6
{ Other or doubtful	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...
**Diarr. (und. 2 yrs.)	16	1	...	...	1	...	1	...	...	...	...	1	...	...	4
Enteritis (und. 2 yrs.)	16a	2	...	...	1	...	1	2	3	2	...	2	2	2	17
Diarr. (over 2 years)	16b	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera (English) ...	18	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Croup .....	19	...	...	1	...	...	...	...	...	...	...	...	...	...	1
Dis. of Resp. System	20	34	55	38	32	28	29	23	24	33	19	21	27	37	400
Influenza† .....	21	1	1	2	2	...	1	2	...	2	...	...	...	...	11
Phthisis .....	22	11	8	5	14	16	10	14	13	13	10	15	16	6	151
Dis. of Circul. System	23	25	14	18	13	22	13	17	19	17	13	17	16	15	219
Violent Deaths .....	24	5	8	2	3	6	1	5	7	8	6	4	3	7	65
Inquest cases .....	25	16	20	9	11	14	11	11	15	11	15	11	22	14	180
Deaths in Pub. Inst.	26	23	40	22	42	38	28	34	38	40	31	28	37	37	438
Dispensary: visits pd.	27	109	105	107	127	85	102	135	109	90	81	63	59	62	1,234
Cases admitted to our own hospitals	28	49	37	63	42	62	47	34	38	49	42	31	54	46	594
Do. Phthisis.....	28a	3	10	14	14	18	16	8	25	5	23	11	15	9	171
Barom. (inches) .....	29	29.79	30.24	30.02	29.82	29.77	29.50	29.40	29.52	29.51	29.50	29.18	29.36	29.82	29.65
Attached Ther. °F...	30	52.38	51.62	50.77	56.38	59.00	57.46	56.54	55.77	57.38	54.85	56.62	55.54	62.00	55.87
Dry bulb.....	31	42.15	38.08	36.38	46.08	49.15	46.54	43.54	44.15	46.00	43.62	42.62	44.85	53.08	44.33
Wet bulb.....	32	40.54	36.38	34.77	43.85	46.15	44.38	41.08	41.54	43.54	40.92	40.08	41.85	49.23	41.87
Humidity .....	33	86.92	85.46	85.54	84.00	80.08	84.62	81.85	81.31	82.15	80.92	81.62	79.00	76.23	82.28
Mn. of highest reading	34	45.14	39.71	39.00	49.29	53.86	50.71	47.43	48.86	49.57	47.86	46.71	49.57	58.00	48.13
„ lowest „	35	34.86	34.14	32.43	41.14	43.00	42.14	39.57	37.14	40.00	36.29	36.86	36.86	44.71	38.40
„ daily range ...	36	10.28	5.57	6.57	8.15	10.86	8.57	7.86	11.72	9.57	11.57	9.85	12.71	13.29	9.73
Total rain (all inches)	37	0.83	0.15	...	0.19	..	0.71	0.64	0.02	0.50	0.47	0.21	0.52	0.58	4.82
Wind { Direction ...	38	W NW	NE	E NE	SW W	SW	SW	SW	SW	W	W SE	W NW	NW SW	SW W	...
{ Force 0-12	39	3	2	2	5	3	3	5	2	5	3	4	2	3	3
Birth-rate (Leeds) ...	41	27.9	26.6	23.7	21.5	23.9	23.3	23.5	22.8	21.4	21.1	24.9	23.6	23.3	23.7
Death-rate (Leeds)...	42	18.5	17.0	14.9	17.7	17.3	14.1	14.4	15.6	16.6	13.7	15.5	17.8	14.1	15.9
Death-rate (97 towns)	43	19.3	17.0	17.5	18.4	16.5	15.6	15.0	15.1	15.8	15.4	15.2	16.5	16.2	16.4
Birth-rate (97 towns)	44	26.5	24.9	24.4	25.3	25.8	24.2	24.3	25.8	24.4	24.8	24.8	25.9	25.9	25.2
D. R. lung dis. (Leeds)	45	3.9	6.2	4.3	3.6	3.2	3.3	2.6	2.7	3.7	2.2	2.4	3.1	4.2	3.5
D. R. 7 Zymotics „ } Omitting line 16a.	46	0.6	0.8	1.1	0.9	0.5	0.6	0.7	0.9	0.7	0.8	0.8	0.8	1.0	0.8

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